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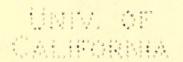
# PROPERTIES OF STEAM AND AMMONIA

BY

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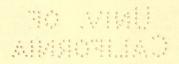
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## PREFACE

A TABLE of the thermal properties of a vapor should possess two characteristics, consistency and accuracy. A table is thermodynamically consistent when the tabular values are obtained from equations that are properly connected by the necessary thermodynamic relations, such as the Clausius and Clapeyron relations; it may be considered accurate if the calculated values show satisfactory agreement with trustworthy experimental data.

The older tables of the properties of steam were neither consistent nor accurate. The tabular values were calculated from empirical formulas based chiefly on Regnault's data, and the necessity of consistency was not recognized. Two sets of tables have been based on the general theory developed by Callendar. These are absolutely consistent, but in the light of the knowledge acquired from the Munich experiments, they can no longer be regarded as accurate. In certain tables that have appeared recently have been embodied the results of the Munich experiments and also the researches of Dr. Davis on the total heat of steam. These tables are undoubtedly far more accurate than the earlier tables, but, having a more or less empirical basis, they are not rigorously consistent.

The tables of the properties of saturated and superheated steam here presented are based on a new formulation the essential features of which are discussed in the first section of the book. A more complete exposition will be found in Bulletin No. 75, Engineering Experiment Station, University of Illinois. The new theory correlates perfectly the experiments on the volume and specific heat of superheated steam; it gives values of the heat content of saturated steam that agree with those deduced by Davis from the throttling experiments; and, in general, it meets satisfactorily all the tests furnished by the available experimental evidence. The tables derived from the formulation are necessarily consistent, and they are at the same time extremely accurate.

The tables of the properties of ammonia are based on a formulation worked out by Mr. W. E. Mosher and the author. (Bulletin No. 66, Eng'g Exper. Station, Univ. of Ill.) Since, in the case of ammonia, the experimental evidence is far from complete, the formulation is regarded as only tentative, and the tables will perhaps require revision as further experiments are made.

Several supplementary tables have been included. Of these, Table 6, Mixtures of Air and Water Vapor, will be found specially useful in connection with problems that involve hygrometric conditions.

The Mollier diagrams for steam and ammonia can be used as a substitute for the tables in the approximate solution of certain classes of problems. The use of the diagrams is illustrated by the examples on pages 27 and 28.

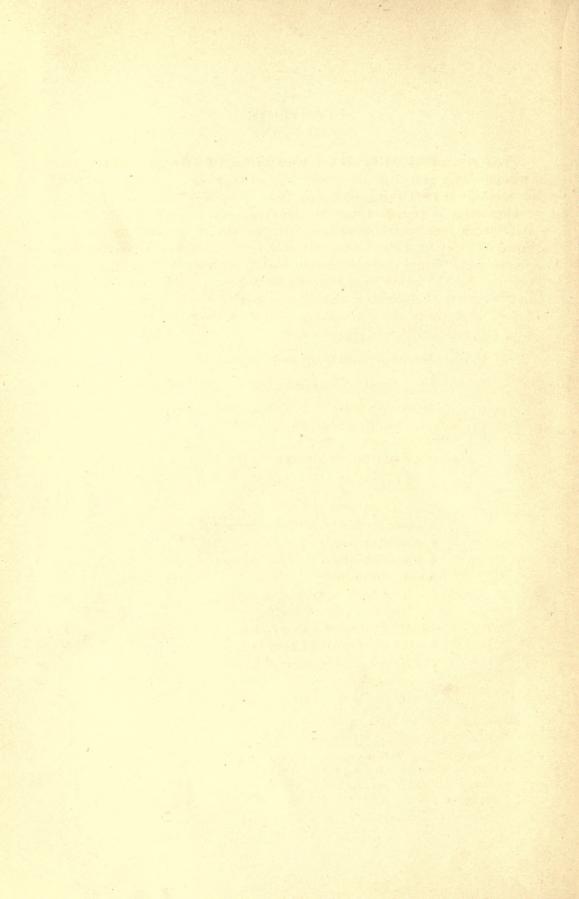
The author acknowledges his indebtedness to Mr. W. E. Mosher for his cordial consent to the use of the ammonia tables; and to Professors L. A. Harding and A. C. Willard for many valuable suggestions.

G. A. GOODENOUGH.

URBANA, ILL., June, 1915.

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## NOTATION

The symbols given below are used throughout the preliminary discussion of the properties of vapors, and in the tables. In the selection of symbols the following principles have been observed. I. The prevailing usage of recent writers on thermodynamics, for example, Bryan and Planck, has been followed. 2. In the case of magnitudes proportional to the mass of the medium under consideration, as volume, entropy, energy, small (lower case) letters are used to represent the value per unit weight. 3. The liquid state is characterized by a symbol with a prime, and the state of saturated vapor by a double prime. Thus s' and u' denote respectively the entropy and energy of the liquid, s'' and u'', the same properties of the saturated vapor.

J = mechanical equivalent of heat

 $A = \frac{\mathbf{I}}{I}$ , reciprocal of mechanical equivalent

t =temperature on F. or C. scale

T = absolute temperature

p = pressure

v = volume of unit weight (1 lb.) of fluid

 $\gamma = \frac{I}{v}$  weight of unit volume

 $c_v$  = specific heat at constant volume

 $c_p$  = specific heat at constant pressure

u = intrinsic energy per unit weight

q = heat absorbed by fluid per unit weight

q' = heat of liquid

q'' = total heat of saturated steam

i = heat content = u + Apv

r = latent heat of vaporization

 $\rho = r - \psi = internal latent heat$ 

 $\psi = A p (v'' - v') = \text{external latent heat}$ 

s = entropy

 $\mu$  = Joule-Thomson coefficient

## Properties of Steam and Ammonia

## THE THERMAL PROPERTIES OF STEAM

**Experimental Data.**—Recent experimental investigations of the various properties of saturated and superheated steam have furnished data of a high degree of accuracy covering nearly every phase of the subject. The following is a summary of the more important of these investigations.

- 1. The relation between the pressure and temperature of saturated steam has been established definitely by three series of experiments made respectively by Holborn and Henning, Holborn and Baumann, and Scheel and Heuse. The three series taken together cover the range 32° F. to the critical temperature. These experiments were conducted at the Reichsanstalt with all the resources afforded by modern apparatus and methods of precise measurement.
- 2. The relation between volume, pressure, and temperature of superheated steam has been determined by the experiments of Knoblauch, Linde, and Klebe at the Munich laboratory. These experiments afford satisfactory data for the range of pressure and superheat covered.
- 3. A number of experiments have been made to determine the specific heat of superheated steam. Of these, the experiments conducted in the Munich laboratory, first by Knoblauch and Jakob and afterward by Knoblauch and Mollier, are justly accepted as the most reliable. Similar experiments covering a wider range of pressure are being made by Lanz and Schmidt.
- 4. The direct experiments of Griffiths, Joly, Smith, Henning, and Dieterici furnish data on the latent heat of saturated steam.
- 5. The variation of the specific heat of water has been the subject of several investigations. For the range 32°-212° F. the experiments of Barnes have been verified by those of Callendar, and they are generally accepted. Above 212° F. precise measurements of this important property are lacking. The only available experiments are those of Regnault and Dieterici, and neither of these can be accepted as thoroughly reliable.
- 6. Four sets of experiments on the throttling of steam by Grindley, Griessmann, Peake, and Dodge, respectively, furnish valuable data that may be used for various purposes.

Development of a General Theory. — The various thermal properties of a vapor are related through well-known thermodynamic laws. Thus the Clausius relation

$$\left(\frac{\partial c_p}{\partial p}\right)_T = -AT\left(\frac{\partial^2 v}{\partial T^2}\right)_p$$

connects the specific heats and volumes of the superheated vapor; and the Clapeyron equation

$$r = A T(v^{\prime\prime} - v^{\prime}) \left(\frac{dp}{dT}\right)_{\text{sat}}$$

expresses a relation between the latent heat r, temperature, change of volume v'' - v' during vaporization, and the derivative  $\frac{dp}{dT}$  of the pressure-temperature function.

A satisfactory formulation of the properties of a vapor therefore involves two processes. I. The establishment of equations for the various properties that represent accurately the most reliable of the experimental data. 2. The correlation of such equations through the thermodynamic laws. If such correlation can be effected without sacrifice of accuracy, the resulting formulation will have the equally essential attributes, accuracy and consistency.

The experimental evidence summarized in the preceding section is sufficiently extensive and trustworthy to justify the conclusion that a satisfactory formulation of the properties of water vapor may be worked out; and in the following sections is described the development of a consistent theory that apparently gives with extreme accuracy the properties of superheated and saturated steam over a range of pressure and temperature far wider than the range employed in technical applications.

Pressures and Temperatures of Saturated Steam. — The early experiments of Regnault have been superseded by the recent experiments conducted at the Reichsanstalt. Each of the three series of experiments conducted covered a different range of temperature. Scheel and Heuse's \* experiments covered the lower range 0–50° C. (32°–122° F.), Holborn and Henning's † the range 50°–200° C. (122°–392° F.), while Holborn and Baumann's ‡ experiments extended from 200° C. to the critical temperature.

The values of the saturation pressure as deduced from the respective sets of experiments are given in the following tables. In the third table the values are not those given by Holborn and Baumann but values deduced therefrom by Prof. Marks.§

§ Proc. A. S. M. E., Vol. 33, p. 572.

<sup>\*</sup> Annalen der Physik (4), Vol. 31, pp. 715-735, 1910. † Annalen der Physik (4), Vol. 25, pp. 833-883, 1908.

<sup>‡</sup> Annalen der Physik (4), Vol. 31, pp. 945-970, 1910. See also articles by Risteen: The Locomotive, Vol. 26, pp. 85, 183, 246; Vol. 27, p. 54; Vol. 28, pp. 88, 118.

#### SCHEEL AND HEUSE

Temp.	Pressure in mm. of mercury											
° C.	0	I	2	3	4	5	6	7	8	9		
0	4.579	4.926	5.254	5.685	6.101	6.543	7.014	7.514	8.046	8.610		
10	9.210	9.845	10.519	11.233	11.989	12.790	13.637	14.533	15.840	16.481		
20	17.539	18.655	19.832	21.074	22.383	23.763	25.217	26.747	28.558	30.052		
30	31.834	33.706	35.674	37.741	39.911	42.188	44.577	47.082	49.708	52.459		
40	55.341	58.36	61.52	64.82	68.28	71.90	75.67	79.62	83.74	88.05		
50	92.54											

#### HOLBORN AND HENNING

Temp. ° C.	Pressure in mm. of mercury											
Temp. C.	0	2	4	6	8							
50	92.3	101.9	112.3	123.6	135.9							
60	149.2	163.6	179.1	195.9	214.0							
70 80	233.5	254.5	277.1	301.3	327.2							
80	355.1	384.9	416.7	450.8	487.1							
90	525.8	567.1	611.0	657.7	707.3							
100	760.0	815.9	875.1	937.9	1004							
110	1074.5	1149	1227	1310	1397							
120	1489	1586	1687	1795	1907							
130	2026	2150	2280	2416	2560							
140	2709	2866	3030	3202	3381							
150	3569	3764	3968	4181	4402							
160	4633	4874	5124	5384	5655							
170	5937	6229	6533	6848	7175							
180	7514	7866	8230	8608	8999							
190	9404	9823	10256	10705	11168							
200	11647	12142	12653									

### HOLBORN AND BAUMANN

Temp.	Pressure in lb. per sq. in.											
°F.	0	10	20	30	40	50	60	70	80	90		
400 500 600 700	246.99 679.26 1539.9 3083.4	276.34 742.55 1657.8	308.33 810.31 1782.9	343.18 882.58 1915.3	380.92 959.85 2055.1	421.85 1042.2 2203.1	465.95 1130.2 2359.2	513.65 1223.7 2523.4	565.08 1323.0 2697.1	620.18 1428.3 2882.3		

Of the many formulas that have been proposed for the relation p = f(t) between the pressure and temperature of saturated steam, a number are simply modifications of the general equation

$$\log p = A + \frac{B}{T} + C \log T + DT + ET^2 + FT^3 + \cdots$$

The number of constants may be increased indefinitely by taking additional terms involving the higher powers of T. The signs of the coefficients B, C, D, E, etc., may be either positive or negative. Many of the proposed equations are simpler in form than the preceding, in particular Bertrand's equations, which have been extensively used.

However, such equations cannot be extended over any considerable temperature range without change of constants, and it is, of course, desirable that the entire range 32° F. to the critical temperature be represented by a single equation with the same constants.

After a number of trials the preceding equation was written in the form

$$\log p = A - \frac{B}{T} - C \log T - DT + ET^2 - \Delta \tag{A}$$

where

$$\Delta = 0.0002 \left[ 10 - 10 \left( \frac{t - 370}{100} \right)^2 + \left( \frac{t - 370}{100} \right)^4 \right].$$

The addition of the term  $\Delta$  amounts to the inclusion of terms in  $T^3$  and  $T^4$  in the general formula. The constants are

$$A = 10.5688080$$
  $\log D = \overline{3}.6088020$   $\log B = 3.6881209$   $\log E = \overline{6}.1463000$   $C = 0.0155$   $T = t + 459.6$ 

The agreement between the formula and the experimental values is shown in Fig. 1. The equation is used as a standard of reference and

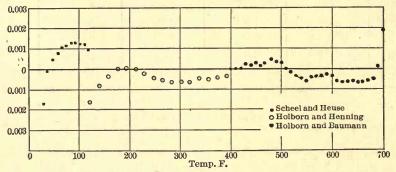


FIG. I. PRESSURE AND TEMPERATURE OF SATURATED STEAM.

ordinates represent the relative deviation of the experimental values of p (taken from the preceding tables) from the calculated values. From 200 to 700 degrees the agreement is remarkably good, the deviations for the most part being less than 1 in 2000. Below 200 degrees the discrepancies are relatively larger but absolutely very small. Thus the discrepancy at 122° F. between the last Scheel and Heuse point and the first Holborn and Henning point, which looks large in the figure, is only 0.24 mm. of mercury. The equation gives an intermediate value at this temperature. At 32 degrees the equation gives 4.587 mm., while the value generally accepted is 4.579 mm. of mercury. So far as pressures are concerned the discrepancy is unimportant. The significant

fact is that the derivative  $\frac{dp}{dT}$  is quite uncertain at low temperatures.

Volume of Superheated and Saturated Steam. Characteristic Equations. — Direct experiments on the specific volume of saturated and superheated steam have been made by Ramsay and Young,\* by Battelli,† and by Knoblauch, Linde, and Klebe.‡ The experiments in the Munich laboratory were so superior in all respects to those of the other investigators, that the results have been generally accepted.

In conducting these experiments the volume of a predetermined weight of steam was kept constant and corresponding temperatures and pressures were observed. These observed values of p and t when plotted give a constant volume curve, or "isochor" on the pt-plane. It was found that the curves, within the limits of accuracy of the experiments, were straight lines. These lines were prolonged to intersect the saturation curve p = f(t), and the points of intersection gave, therefore, simultaneous values of p, v, and t, at the saturation limit.

For convenience in establishing a characteristic equation, Linde made use of the scheme of representation devised by Amagat. Values of the product pv were plotted as ordinates against values of p as abscissas. The experimental points were not taken for this purpose but rather the points determined by the intersection of the successive isochors by lines of constant temperature. In this way the points on the pv-p plane are separated into groups, each of which is associated with a particular temperature. In other words, curves through the successive sets of points are lines of constant temperature, or isotherms. Fig. 2 shows the points as thus determined.

Callendar § in his paper on the properties of gases and vapors had from theoretical considerations deduced the characteristic equation

$$v - b = \frac{BT}{p} - c_0 \left(\frac{T_0}{T}\right)^{3.5},$$

in which b represents the minimum volume or co-volume of Hirn and van der Waals. This equation gives fair agreement with the experimental values at the lower temperatures, but it requires that the isotherms on the pv-p plane be straight lines, while the experimental points indicate that they should have appreciable curvature. In Linde's equation

$$v = \frac{BT}{p} - (\mathbf{I} + ap) \left[ C \left( \frac{373}{T} \right)^3 - D \right]$$

the introduction of the term (1 + ap) provides for the requisite curvature. The resulting isotherms are parabolas.

While Linde's equation represents the experiments very closely, it is open to two serious objections. I. At 402° C. the "correction term" changes sign. 2. The equation cannot be reconciled with the accepted

<sup>\*</sup> Phil. Trans. Roy. Soc. of London, Vol. 183-A, p. 107 (1892).

<sup>†</sup> Annales de Chimie et de Physique (7), Vol. 3, p. 408 (1894).

<sup>‡</sup> Mitteilungen über Forschungsarbeit., Vol. 21, pp. 33-72 (1905).

<sup>§</sup> Proc. of the Royal Soc. of London, Vol. 67 (1900), pp. 266-286.

specific heat measurements through the Clausius relation. In the attempt to remove these objections several equations have been developed and the one finally chosen has the form

$$v - c = \frac{BT}{p} - (I + 3 a p^{\frac{1}{2}}) \frac{m}{T^n}$$
 (B)

That equation (B) satisfactorily represents the experiments is shown by Fig. 2, in which the points represent the experimental values transferred

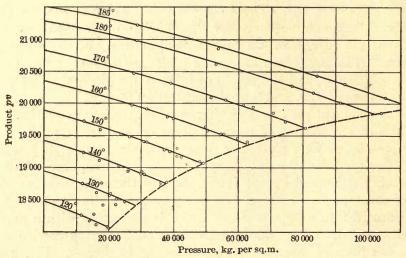


Fig. 2. Isothermal Curves from Eq. (B). The Points Represent the Experiments of Knoblauch, Linde, and Klebe.

to the pv-p plane, and the curves represent the equation with the various constant values of T indicated.

The term c in the equation is not strictly a constant. Following the suggestion of Callendar, this "co-volume" term is taken as the volume of the liquid corresponding to the pressure p. Hence when the equation is used to determine the volume of saturated steam the first member becomes v'' - v', that is, the increase of volume during vaporization.

The following are the constants.

Metric Units	English Units
(p in kg. per sq. m.)	(p in lb. per sq. in.)
$\log B = 1.67213$	$\log B = \bar{1}.77448$
$\log m = 8.59929$	$\log m = 10.82500$
$\log 3 \ a = \overline{3.28644}$	$\log 3 a = \bar{2}.71000$
n=4	n = 4

Specific Heat of Superheated Steam. — The experiments on specific heat may be divided into groups as follows:

- 1. The early experiments of Regnault with steam at atmospheric pressure and at temperatures relatively close to saturation.
- 2. The experiments of Mallard and Le Chatelier, Langen, and Pier at very high temperatures.

3. The experiments of Holborn and Henning with steam at atmospheric pressure and a temperature range of 110°-1400° C.

4. Recent direct experiments with steam at various pressures. Of these, the experiments of Knoblauch and Jakob and of Knoblauch and Mollier performed in the Munich laboratory are specially noteworthy. Similar experiments have been made by Thomas.

Regnault's experiments made in 1862 \* indicated a constant value of  $c_p = 0.4805$ . Davis † has recomputed Regnault's values and has deduced a somewhat smaller value, namely,  $c_p = 0.4762$ . For the pressure and range of temperature covered in the experiment, Regnault's value agrees well with the results of recent experiments.

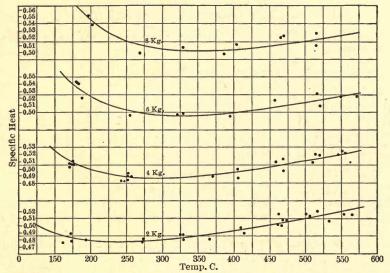


FIG. 3. CURVES OF SPECIFIC HEAT DEDUCED FROM EQ. (C). THE POINTS REPRESENT THE EXPERIMENTS OF KNOBLAUCH AND MOLLIER.

The high temperature experiments noted in group 2 have only an indirect bearing on the present discussion. The results obtained by the different investigators are discordant, but they all agree in showing a marked increase of specific heat with rising temperature. Thus Langen's experiments are represented by the linear relation

$$c_p = 0.439 + 0.000239 t.$$

The experiments of Holborn and Henning  $\ddagger$  form a link between the high temperature experiments of group 2 and the experiments of group 4. These measurements indicate values of  $c_p$  consistently lower than those obtained in the Munich experiments. While considerable weight must be attached to the Holborn and Henning experiments, it seems probable that preference must be given the Knoblauch and Mollier

<sup>\*</sup> Mem. Inst. de France, Vol. 26, p. 167 (1862).

<sup>†</sup> Proc. Am. Acad., Vol. 45, p. 286 (1910).

<sup>‡</sup> Annalen der Physik, Vol. 18, p. 739 (1905); Vol. 23, p. 809 (1907).

measurements. Callendar \* has expressed the opinion that the Holborn and Henning values are too low by as much as 10 per cent.

Knoblauch and Jakob,† and subsequently Knoblauch and Mollier,‡ made observations of the specific heat at four different pressures, 2, 4, 6, and 8 kg. per sq. cm. The latter experiments extended the temperature range of the former from 350°-550° C.

After reviewing all the experimental evidence one must be convinced that for the range of temperature covered, the Knoblauch and Mollier measurements should be accepted without modification. These are shown in Fig. 3. For convenience in the identification of the measurements associated with the four pressures employed, the points have been separated into four groups.

By a combination of the characteristic equation (B) and the Clausius relation a general equation for the specific heat  $c_p$  may be derived. From the equation

$$v - c = \frac{BT}{p} - (I + 3 a p^{\frac{1}{2}}) \frac{m}{T^n},$$

the second derivative

$$\left(\frac{\partial^2 v}{\partial T^2}\right)_p = -\left(\mathbf{I} + 3 a p^{\frac{1}{2}}\right) \frac{mn (n+\mathbf{I})}{T^{n+2}}$$

is obtained. Hence, from the Clausius relation,

$$\left(\frac{\partial c_p}{\partial p}\right)_T = -AT\frac{\partial^2 v}{\partial T^2} = \frac{Amn(n+1)}{T^{n+1}}(1+3ap^{\frac{1}{2}}).$$

An integration with T constant gives an expression for  $c_p$ , namely

$$c_p = F(T) + \frac{Amn(n+1)}{T^{n+1}} p(1+2ap^{\frac{1}{2}}).$$

The arbitrary function F(T) is evidently  $c_{p_0}$ , that is, the specific heat at zero pressure. This was taken as a constant by Callendar. The experiments of Knoblauch and Mollier show that  $c_{p_0}$  cannot be constant, and this conclusion is confirmed by the high-temperature experiments of Langen and others. It has been suggested that a simple linear relation

$$c_{p_0} = \alpha + \beta T$$

may be assumed, but it is found that better results are obtained by a relation of the form

$$c_{p_0} = \alpha + \beta T + \frac{\gamma}{T^2}.$$

Writing the equation for  $c_p$  in the form

$$c_p = F(T) + f(p, T)$$

values of the term f(p, T) may be calculated for each of the Knoblauch and Mollier experiments, and by subtraction the corresponding values of

<sup>\*</sup> Report of British Assoc. Committee on Gaseous Explosions, pp. 31, 32 (1908).

<sup>†</sup> Mitteil. über Forschungsarbeit, Vol. 35, p. 109.

<sup>‡</sup> Zeit. des Ver. deutsch. Ing., Vol. 55, p. 665 (1911).

 $c_{p_0} = F(T)$  are found. From the curve through these points the constants  $\alpha$ ,  $\beta$ , and  $\gamma$  are obtained. The equation for  $c_p$  finally takes the form

$$c_p = \alpha + \beta T + \frac{\gamma}{T^2} + \frac{Amn (n+1)}{T^{n+1}} p (1 + 2 a p^{\frac{1}{2}}),$$
 (C)

and the constants are

Metric	English
$\alpha = 0.320$	0.320
$\beta = 0.0002268$	0.000126
$\gamma = 737 I$	23583

The constants a, m, and n are those of the characteristic equation.

If in Eq. (C) various constant values of p are substituted, the result is a family of  $c_p$ -curves,  $c_p = f(t)$ . A comparison of this system of  $c_p$ -curves with the systems established by Davis \* and by Jakob † reveals certain essential differences. In Fig. 3 the curves for 2, 4, 6, and 8 kg.

per sq. cm. are shown superposed on the Knoblauch and Mollier points. It is evident that the agreement is satisfactory. Jakob's system represents the experiments equally well. In carrying the curves to the saturation curve both Davis and Jakob assume a sharp increase of  $c_p$  and the result is a system of values of  $c_p$  at saturation that appear to be unwarrantably high. Fig. 4 shows a comparison of the values of  $(c_p)_{\text{sat}}$ . Curve A is deduced from Eq. (C), curve J represents Jakob's values, and the points represent the Davis values: curve T represents the experiments of Thomas, and curve C the values calculated by Callendar. Passing now to the other end of the temperature range,

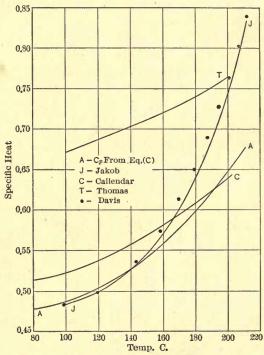


Fig. 4. Curves of Specific Heat at the Saturation Limit.

values of  $c_p$  calculated from Eq. (C) agree fairly well with the experimental values of Langen, Pier, and Holborn at high temperatures 1000°–2000° C. Jakob's values tend to run somewhat lower, and the Davis system of values still lower. Hence it may be asserted that the system derived from Eq. (C) (1) satisfies the Knoblauch and Mollier experi-

<sup>\*</sup> Marks and Davis, Steam Tables and Diagrams, p. 97.

<sup>†</sup> Zeit. des Verein. deutsch Ing., Vol. 66, pp. 1981-3. 1912.

ments at least as well as the other systems, (2) gives more probable values of  $c_p$  at saturation, and (3) gives more trustworthy values of  $c_p$  at high temperatures.

Regnault's measurements of  $c_p$  at atmospheric pressure may be used as a rough check on corresponding values calculated from Eq. (C). The four series of experiments covered the temperature range 122.8°-231.1° C. The mean value of  $c_p$  given by Regnault was 0.4805, but this value is lowered to 0.4762 by Davis. All experiments were conducted at atmospheric pressure. The following table gives values of  $c_p$  at atmospheric pressure calculated from the equation, also the values assigned by Jakob for the slightly lower pressure, I kg. per sq. cm.

SPECIFIC HEAT AT ATMOSPHERIC PRESSURE

Temp. ° C.	100	150	200	250	300	350	400
From Eq. (C)	0.489	0.474 0.473	0.470 0.471	0.472 0.473	0.476 0.477	0.483 0.483	0.491

The mean  $c_p$  deduced from the equation agrees very well with the recomputed value 0.4762.

Heat Content of Superheated and Saturated Steam.—From the two laws of thermodynamics the following general equations are derived.

$$dq = c_p dT - AT \left(\frac{\partial v}{\partial T}\right)_p dp,$$

$$di = c_p dT - A \left[T \left(\frac{\partial v}{\partial T}\right)_p - v\right] dp.$$

In the second equation we introduce the expression for  $c_p$  given by (C) and the expressions for  $\left(\frac{\partial v}{\partial T}\right)_p$  and v obtained from the characteristic equation (B). The result of the substitutions is the exact differential equation

$$di = \left[\alpha + \beta T + \frac{\gamma}{T^2} + \frac{Amn(n+1)}{T^{n+1}} p\left(1 + 2ap^{\frac{1}{2}}\right)\right] dT$$
$$-A\left[\frac{m(n+1)}{T^n}\left(1 + 3ap^{\frac{1}{2}}\right) - c\right] dp,$$

which upon integration gives the following equation for the heat content,

$$i = \alpha T + \frac{1}{2}\beta T^2 - \frac{\gamma}{T} + \frac{Am(n+1)}{T^n}p(1+2ap^{\frac{1}{2}}) + Acp + i_0.$$
 (D)

The constant  $i_0$  is determined as follows. Corresponding saturation values of p and t at some definite temperature, say 212 degrees, are substituted in the equation, which for this purpose may be written

$$i_{\text{sat}} = \phi(p, T) + i_0.$$

The function  $\phi$  (p, T) is thus calculated, and  $i_{\text{sat}}$  being known,  $i_0$  is found by subtraction. The value  $i_0 = 948.54$  B.t.u. is thus determined.

Since the constant c is taken as the liquid volume v', the term Acp is Apv', which is the small difference between the heat content i'' and the total heat q''. Hence, when applied at the saturation limit, equation (D) gives i'' and the same equation with the term Acp omitted gives q''.

At the saturation limit formula (D) may be checked with the Davis formula for heat content, which is surely valid within the range 212°-400° F. The comparison is shown graphically in Fig. 5. The points are

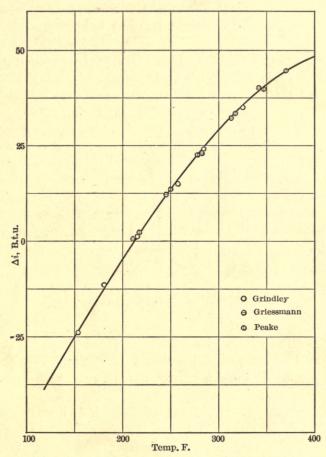


Fig. 5. Comparison of i"-Curve from Eq. (D) with Points Deduced from the Throttling Experiments.

those determined by Davis from the throttling experiments of Grindley, Griessmann, and Peake, and they are plotted from the data given in Table 1 of Davis' paper.\* The ordinates represent the difference between the *i* at the given temperature *t* and the *i* at 212 degrees. The curve therefore represents the equation

$$i'' - i''_{212} = f(t),$$

where i'' is calculated from the formula and  $i''_{212} = 1151.74$ . The curve does not fit the points quite as well as the Davis second-degree curve,

<sup>\*</sup> Proc. Am. Acad., Vol. 45, p. 276.

but the agreement is satisfactory and is probably well within the limits of accuracy of the throttling experiments. Beyond the last point the curve begins to bend downward rather sharply and thus diverge from the prolonged Davis curve. The maximum value of i'' is reached at about 440 degrees, while the Davis equation gives the maximum at about 550 degrees.

For the lower range 32-212 degrees, values of i'' calculated from equation (D) show excellent agreement with the available experimental values. In the following section on latent heat a comparison will be shown.

In the region of superheat formula (D) may be checked by the throttling experiments of Grindley, Griessmann, and Peake. According to the principles of thermodynamics a throttling process is also a constant-i process; that is, the points obtained in any particular throttling experiment when plotted on the pt-plane should lie on a curve i = const. When the curves are superposed on the experimental points good agreement is shown. (See Fig. 9, Bulletin No. 75, Eng. Exper. Station Univ. of Ill.)

Essentially the same test may be applied in another way. The slope of a curve i = const. on the Tp-plane is given by the derivative  $\left(\frac{dT}{dp}\right)_{i = \text{const.}}$  and this is the Joule-Thomson coefficient  $\mu$ . From equation (D) the following expression for  $\mu$  is readily obtained:

$$\mu = \frac{A}{c_p} \left[ \frac{m (n+1)}{T^n} (1 + 3 a p^{\frac{1}{2}}) - c \right].$$

Davis has computed values of  $\mu$  from the various throttling experiments, and these may be compared with values calculated from the preceding equation. Reasonably good agreement is shown. (See Bulletin No. 75, Fig. 15.)

Specific Heat of Water. Heat of Liquid. — For the temperature range  $32^{\circ}-212^{\circ}$  F. (0°-100° C.) there are available five sets of experiments on the variation of the specific heat of water with the temperature. The curves that represent the results of these experiments are separable into two groups having quite different characteristics. Ludin \* working with the method of mixtures obtained a curve which shows a minimum value of c' at about 20° C., then a rapid rise to a maximum, at 87° C. The curves obtained by Dieterici† and Barnes‡ are similar in character; each shows a decrease of c' to a well defined minimum, then a steady rise without any suggestion of a maximum. The experiments of Regnault and Dieterici above 100° C. show a steady rise of the specific heat with the temperature; hence, if Ludin's curve be accepted,

<sup>\*</sup> Inaug. Diss. Zurich, 1895.

<sup>†</sup> Annalen der Physik (4), Vol. 16, pp. 593-620 (1905).

<sup>‡</sup> Phil. Trans., Vol. 199-A, pp. 55-148, 149-263 (1902).

the specific heat after reaching its maximum at 87 degrees must diminish and then increase again. It is difficult to account for such a variation on any rational basis, and the curves of Barnes and Dieterici should be preferred to Ludin's curve. Davis \* attached no weight whatever to Ludin's values and adopted a curve lying between those of Barnes and Dieterici, with Barnes' values given double weight. However, the question is again complicated by the experiments of W. R. and W. E. Bousfield † which reproduce Ludin's results, although the method employed (electric heating with a vacuum-jacket calorimeter) was entirely different from Ludin's method of mixtures. Finally Callendar ‡ has undertaken to throw light on the subject by a set of experiments in which a new and very accurate method was employed. Callendar's paper contains an exhaustive and valuable discussion of the whole subject.

The methods used by Barnes and Callendar, respectively, have the marked advantage of being continuous. In the Barnes experiments a steady current of water was heated through a small range of temperature by an electric current, and the result obtained was therefore the actual specific heat at a pre-determined temperature rather than the mean specific heat over a considerable range. Callendar used a continuous-mixture method in which two steady currents of water at different temperatures were passed through a system of concentric tubes which constituted a heat exchanger. The continuous-flow methods have obvious advantages over other methods. The water equivalent of the calorimeter is not required, and various corrections that involve uncertain measurements are eliminated.

The results of Callendar's experiments by the continuous-mixture method completely verify the earlier experiments of Barnes by the continuous-electric method. As these two independent methods are much superior to the other methods used and give identical results, there can be no question that these results should be accepted.

Taking the specific heat of water at 20° C. as unity, Callendar gives the following equation for the variation of the specific heat with temperature

$$c' = 0.98536 + \frac{0.504}{t + 20} + 0.0084 + \frac{t}{100} + 0.0090 \left(\frac{t}{100}\right)^{2}$$

From the specific heat c' the heat content i' of the liquid is derived by the relation

$$i' = \int c' dt.$$

After changing from C. to F. temperatures and applying a factor to

<sup>\*</sup> Steam Tables and Diagrams, p. 89.

<sup>†</sup> Phil. Trans., Vol. 211-A, pp. 199-251 (1911).

<sup>‡</sup> Phil. Trans., Vol. 212-A, pp. 1-32 (1913).

reduce from the 20-degree calorie to the mean calorie, the equation for i' becomes

$$i' = 0.9838 t + 2.0856 \log (t+4) + 0.233 \left(\frac{t-32}{100}\right)^{2} + 0.09245 \left(\frac{t-32}{100}\right)^{3} - 34.73.$$

For temperatures above 212 degrees, two sets of experiments are available, Regnault's and Dieterici's, neither of which can be accepted as thoroughly reliable. Regnault's results have been recomputed by

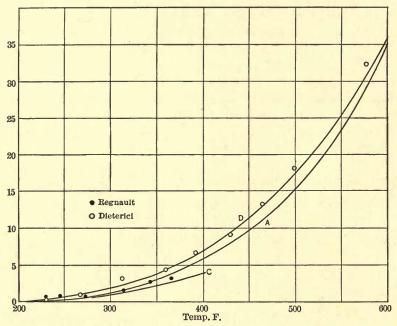


FIG. 6. HEAT CONTENT OF WATER, 212°-600° F.

various investigators. In Fig. 6, six mean values deduced from Callendar's computation are shown. The ordinates in this figure represent values of

$$\Delta i' = i' - (t - 32),$$

that is, the excess of the heat content over t-32, the temperature range. Abscissas are temperatures F. In the same figure are shown the points obtained by Dieterici. The curve D represents the equation adopted by Dieterici and curve C represents Callendar's equation extended beyond 212 degrees.

Callendar questions the accuracy of Dieterici's experiments and gives preference to his equation extrapolated through the range 100°-200° C. It is probable that Dieterici's points are considerably in error, as the method of the experiments involved large corrections, and it is also probable that Regnault's points are no more reliable. However, there

seems to be no valid reason for choosing a curve, like curve C, lying below both sets of points.

Latent Heat of Saturated Steam. — The Clapeyron relation

$$r = A (v'' - v') T \frac{dp}{dT}$$

gives a means of calculating the latent heat. It is convenient to write the equation in the form

$$r = A p (v'' - v') \frac{T}{p} \frac{dp}{dT}$$

in which the second member is made up of two factors. From the characteristic equation, the first is expressed by

$$Ap(v'' - v') = ABT - Ap(I + 3ap^{\frac{1}{2}})\frac{m}{T^n}$$

Upon differentiating equation (A) connecting the pressure and temperature of saturated steam, namely

$$\log p = A - \frac{B}{T} - C \log T - DT + ET^2 - \Delta,$$

the second factor is obtained in the form

$$\frac{T}{\rho}\frac{d\rho}{dT} = 2.3026 \left[ \frac{B}{T} - DT + 2ET^2 - T\frac{d\Delta}{dt} \right] - C.$$

For the range 32-212 degrees, within which the heat of the liquid is given accurately by the experiments of Barnes and Callendar, a second independent method of calculating the latent heat is available. Saturation values of i are calculated from the formula for heat content and from these are subtracted the corresponding known values of the heat of the liquid. The difference gives, of course, the latent heat. The following table gives values of r obtained by the two methods.

LATENT	HEAT,	320-2120	F.
--------	-------	----------	----

Temp. ° F.	32	40	80	120	160	200	212
i" from Eq. (D) i' Barnes & Callendar. r by subtraction. r by Clapeyron relation.	0 1072.98	1076.79 8.05 1068.74 1068.12	1095.45 48.05 1047.40 1046.97	87.94 1025.55 1025.27	1130.79 127.87 1002.92 1002.77	1147.09 167.94 979.15 979.12	1151.74 180.00 971.74 971.74

Above 212 degrees the heat of the liquid is so uncertain that the method of determining r by subtraction is hardly justified. Hence values of r are calculated from the Clapeyron relation, and subtracted from corresponding values of i''. The result is a set of values of i' that may be compared with the Regnault and Dieterici experimental values. The following table exhibits the details of the calculation.

Temp. ° F.	212	240	280	320	360	400	440	480	520	560	600
i" from Eq. (D)	1151.74	1162.06	1175.33	1186.47	1195.03	1200.54	1202.56	1200.56	1194.09	1182.68	1165.94
r from Clap. rel	971.74	953.88	926.57	896.65	863.60	826.83	785.78	739.78	688.02	629.51	562.96
" be subtenstion	790	208 18	248 76	280.82	227 42	272 71	416 78	460 78	506 07	EE2 17	600.08

LATENT HEAT AND HEAT OF LIQUID, 212°-600° F.

Referring to the first of the preceding tables, the close agreement of the two sets of values of r may be noted. The greatest difference, which occurs at 32-40 degrees, is about 6 in 10,000. This agreement is a decisive test of the validity of the analysis. The two sets of numbers are obtained independently, one from the characteristic equation, the other from the heat-content equation, and the agreement between the two shows the satisfaction of the Clapeyron relation. Of the two sets the one obtained from the heat-content equation should be chosen, rather than the set derived by means of the Clapeyron relation. The reason for this lies in the slight uncertainty in the exact value of the derivative  $\frac{dp}{dt}$  at low temperatures. It was shown in connection with Fig. 1 that the course of the Scheel and Heuse points indicates that the true value of this derivative at 32 degrees is probably slightly greater than the value obtained from the formula. The slightly lower values of r calculated from the Clapevron relation in the range of 32-80 degrees may be ascribed, therefore, to a small error in the derivative.

For the range  $212^{\circ}-600^{\circ}$  F. the important result is the set of values of i', heat of the liquid. In Fig. 6 curve A represents the new set of values for the range  $212^{\circ}-600^{\circ}$  F. It lies between Dieterici's curve and Callendar's extrapolated curve and represents very well the Regnault experiments as interpreted by Callendar. Above 400 degrees the curve runs from 1 to 3 B.t.u. lower than the Dieterici points, a deviation of 0.2 to 0.6 per cent. Dieterici admits a possible error of 0.3 to 0.5 per cent in the experiments to determine the mean specific heat  $c_m$  and a further error in the reduction of  $c_m$  to the actual specific heat. It is likely that a possible error of at least 1 per cent may be attached to Dieterici's points; hence if the points are too high, as is indicated by Regnault's experiments and Callendar's extrapolated formula, the curve probably represents the true values fairly well.

The values of the latent heat r given in the preceding table may be compared with direct experiments within the range 32-212 degrees. For this purpose four sets of experiments are available, those of Dieterici,\* Griffiths,† Smith,‡ and Henning.§ The following table gives the results of these experiments expressed in a common unit, the mean B.t.u.

<sup>\*</sup> Annalen der Physik, Vol. 37, pp. 494-508 (1889).

<sup>†</sup> Phil. Trans., Vol. 186-A, pp. 261-341 (1895).

<sup>‡</sup> Phys. Review, Vol. 25, pp. 145-170 (1907).

<sup>§</sup> Annalen der Physik (4), Vol. 21, pp. 849-878 (1906).

#### EXPERIMENTAL DETERMINATIONS OF LATENT HEAT

	Temp. ° F.	Latent heat B.t.u.
Dieterici	32	1072.9
Griffiths	86 104.3	1045.1
Smith	57.1 70.1 82.5 103.6	1061.6 1054.5 1047.6 1035.0
Henning	86.2 120.5 148.7 171.2 192.7 213.1	1043.2 1026.2 1008.0 995.4 983.3 969.8

In Fig. 7 these results are shown by the plotted points and the curve represents the variation of r according to equation (D). The agreement is satisfactory, though Smith's points would indicate that the calculated values may be slightly low.

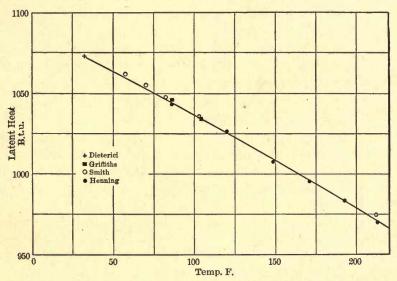


Fig. 7. Latent Heat of Saturated Steam, 32°-212° F.

Special interest attaches to the value of r at 212° F. For years Regnault's number 966 B.t.u. was universally accepted. Callendar in his 1900 paper gave the value 972, which is almost precisely the value that is now considered most probable. Davis made use of the experiments of Henning and Joly at 212° and set the value of r at 970.4 B.t.u. Smith's recent experiments \* on slow vaporization of water under atmospheric pressure indicate a value higher than any yet assumed. Heck uses the value 971.2, Mollier uses 971.4. The present investi-

<sup>\*</sup> Physical Review, Vol. 33, p. 183 (1911).

gation leads to the number 971.7, which is probably quite close to the truth, though if anything slightly low.

Entropy. — An expression for the entropy of superheated steam is readily obtained from the fundamental equation,

$$dq = c_p dT - AT \left(\frac{\partial v}{\partial T}\right)_p dp.$$

Dividing by T,

$$ds = \frac{dq}{T} = c_p \frac{dT}{T} - A \left( \frac{\partial v}{\partial T} \right)_p dp.$$

From the characteristic equation

$$\left(\frac{\partial v}{\partial T}\right)_{p} = \frac{B}{p} + \frac{mn}{T^{n+1}} \left(1 + 3 a p^{\frac{1}{2}}\right).$$

Introducing this and the expression for  $c_p$  in the preceding equation, the result is

$$ds = \left[\frac{\alpha}{T} + \beta + \frac{\gamma}{T^{3}} + \frac{Amn(n+1)}{T^{n+2}} p(1+2ap^{\frac{1}{2}})\right] dT - \frac{AB}{p} dp - \frac{Amn}{T^{n+1}} (1+3ap^{\frac{1}{2}}) dp.$$

The integration of this exact differential equation gives the following equation for the entropy

$$s = \alpha \log_e T + \beta T - \frac{I}{2} \frac{\gamma}{T^2} - AB \log_e p - \frac{Amn}{T^{n+1}} p \left( I + 2 a p^{\frac{1}{2}} \right) + s_0.$$
 (E)

The constant  $s_0$  is found by applying the equation at the saturation limit. The value thus determined is  $s_0 = -0.08108$ .

For the range  $32^{\circ}-212^{\circ}$  F., within which Callendar's formula for the heat of the liquid is surely applicable, there are available two independent methods of calculating the entropy of saturated steam. I. The entropy of the liquid s' is determined by the integration of Callendar's equation for i' and the entropy of vaporization  $\frac{r}{T}$  is added. 2. Corresponding saturation values of p and T are substituted directly in the preceding formula for s. The two methods give substantially identical results.

Above  $212^{\circ}$  F. the entropy s'' of saturated steam is calculated from formula (E) and the entropy of the liquid s' is obtained by the relation

$$s' = s'' - \frac{r}{T}.$$

Integration of Callendar's i'-equation gives the following formula for s':

$$s' = 2.3623 \log T + 0.0045775 \log (t+4) - 0.00022609 T + 0.00000013867 T^2 - 6.28787.$$

Intrinsic Energy. — From the defining equation

$$i = A (u + pv)$$

the energy u in thermal units is readily obtained by subtraction; thus u = i - A pv.

Combination of equations (B) and (D) gives therefore the following explicit expression

$$u = (\alpha - AB) T + \frac{1}{2} \beta T^2 - \frac{\gamma}{T} - \frac{Amnp}{T^n} \left( I + \frac{2n - I}{n} a p^{\frac{1}{2}} \right) + i_0.$$
 (F)

Computation of the Steam Tables. — The tabulated properties of superheated steam — volume, entropy, and heat content — are calculated directly from formulas (B), (E), and (D), respectively. The same formulas with corresponding saturation values of p and t inserted give, respectively, the volume, entropy, and heat content of saturated steam. The pressures of saturated steam are calculated from formula (A). Within the range  $32^{\circ}-212^{\circ}$  F. the heat content i' of the liquid is obtained from Callendar's formula, and the latent heat r is then found by subtraction, according to the relation r = i'' - i'. For temperatures above  $212^{\circ}$  F. the latent heat is calculated from the Clapeyron relation

$$r = \psi \frac{T}{p} \frac{dp}{dT},$$
  
$$\psi = A \left[ BT - p \left( \mathbf{I} + 3 a p^{\frac{1}{2}} \right) \frac{m}{T^n} \right].$$

in which

Values of i' are then obtained by subtraction, since i' = i'' - r. The internal latent heat  $\rho$  is found from the relation

$$\rho = r - \psi,$$

and the internal energy u'' from the relation

$$u^{\prime\prime}=i^{\prime\prime}-A\,\rho v^{\prime\prime}.$$

The entropy of the saturated steam s'' having been obtained from the general formula (E), the entropy of the liquid s' is found by subtracting

$$\frac{r}{T}$$
, thus  $s' = s'' - \frac{r}{T}$ .

In the process of computation the formulas were used to give values of the required magnitudes for temperatures (or pressures) so selected as to give a suitable constant interval, and the intervening values were obtained by interpolation.

Units and Constants. — In these tables the mean B.t.u. is taken as the thermal unit. This is defined as  $\frac{1}{180}$ th of the heat required to raise the temperature of a pound of water from 32° to 212° F. The corresponding mean calorie is by Griffiths identified with the  $17\frac{1}{2}$ -degree calorie and by Barnes with the 16-degree calorie.

The various determinations of the mechanical equivalent seem to justify the value established by Griffiths in 1893, namely,

I mean calorie = 4.184 joules I mean B.t.u. = 777.64 standard ft. lb.

This value has been used.

Various determinations of the absolute temperature of the ice-point have been made. These indicate a value of 273.1° C. or about 459.6° F. The investigation of Rose-Innes (1908) points to the value 459.64, but it does not appear that the degree of accuracy indicated by the fifth figure is at present justified. The value 459.6 has been taken, and the relation between absolute and ordinary temperatures is therefore given by

$$T = t + 459.6.$$

## THERMAL PROPERTIES OF AMMONIA

**Experimental Data.** — Experiments on the properties of ammonia are by no means as complete or as concordant as the experiments on water vapor. Hence any formulation for ammonia must be regarded as merely tentative and subject to revision as further experimental evidence becomes available.

Experiments on the pressure-temperature relation for saturated ammonia vapor have been made by Regnault, Faraday, Blümcke, Brill, and Davies.\*

Data on the specific volume of liquid ammonia are furnished by the experiments of Lange, D'Andréeff, and Dieterici, and on the specific volume of the saturated vapor by the experiments of Dieterici. The experiments of Perman, Guye, and Leduc furnish a few isolated values of the volume of the superheated vapor.

Measurements of the latent heat of vaporization have been made by Regnault, Franklin and Kraus, Von Strombeck, Estreicher and Schnerr, Denton and Jacobus. The values obtained are very discordant.

Fairly trustworthy values of the heat content of liquid ammonia throughout the range 50°-160° F. are given by the experiments of Dieterici and Drewes.

Finally, a few values of the specific heat of superheated ammonia are given by Keutel, Voller, Wiedemann, Regnault, and Nernst.

Pressure-Temperature Relation. — The law of Ramsay and Young affords the most satisfactory method of calculating corresponding temperatures and pressures of saturated ammonia vapor. This law is expressed by the equation

$$R = R' + k (T - T'),$$

in which R and R' denote the ratio of the saturation temperatures of two different substances at two different pressures, and T, T' denote the absolute temperatures of one of the vapors corresponding respectively to the pressures. Let water and ammonia be the two substances and let  $T_w$  and  $T_a$  denote respectively the absolute temperatures of saturated steam and ammonia at the *same* pressure; then the law is expressed by the simple equation

$$\frac{\mathbf{I}}{T_a} = c \, \frac{\mathbf{I}}{T_w} + k.$$

<sup>\*</sup> For an exhaustive bibliography of the investigations of ammonia, see Bulletin No. 66, University of Illinois Experiment Station, pp. 92-94.

Accurate values of  $T_w$  are given in the steam tables; hence, if the constants c and k are known, values of  $T_a$  are readily calculated. Using the graphical method suggested by Moss, Mosher plotted the available experimental values and established the following values of the constants

$$c = 1.70343$$
  $k = -0.0002242$ .

Values of  $T_a$  thus obtained represent with satisfactory accuracy the most reliable of the experiments.

Specific Volume of Liquid Ammonia. — For the temperature range -60° to 160° F., Mosher, following Avenarius, assumed an equation of the form

$$v' = a - b \log (t_k - t),$$

to express the relation between the liquid volume and the temperature. In this equation  $t_k$  denotes the critical temperature of ammonia, which is taken as  $273.2^{\circ}$  F. With the constants a = 0.06335, b = 0.016, the equation represents satisfactorily the experiments of Dieterici, Lange, and D'Andréeff. Above 160° F. the liquid volumes were determined by the law of the "straight diameter."

Specific Volume of Saturated Ammonia Vapor. Latent Heat. — By a combination of the equation expressing Ramsay and Young's law with the Clapeyron equation, the following relation is obtained:

$$\frac{(v^{\prime\prime}-v^\prime)_w}{r_w} = \frac{(v^{\prime\prime}-v^\prime)_a}{r_a} \left[\mathbf{I} + \frac{k}{c} T_w\right] \cdot$$

The subscript w refers to water, the subscript a to ammonia. The ratio  $\frac{k}{c}$  is -0.0001316. At any given pressure the term in the first member of this equation and the bracketed term in the second member may be found from the known properties of steam. Hence the quotient  $\frac{v''-v'}{r}$  for ammonia may be calculated.

With reference to the numerator v'' - v', satisfactory values of v' are available and Dieterici's experiments give acceptable values of v'' within the range  $30^{\circ}-222^{\circ}$  F. Hence tentative values of the latent heat r may be calculated and compared with the experimental values. Following this procedure, Mosher deduced the following formula:

$$\log r = 1.856064 + 0.37 \log (273.2 - t).$$

The curve r = f(t) representing this equation fits the discordant experimental points at least as well as any of the other proposed curves and the form of the equation is such as to justify extrapolation to very low temperatures.

With this equation for r available the process just described may be reversed, and values of v'' - v' may be calculated. Values of v'' up to 160° F. were thus obtained. For temperatures above 160° F., values of v'' were obtained from the law of the straight diameter.

Properties of Superheated Ammonia. — The characteristic equation for superheated ammonia was given the form

$$v + c = \frac{BT}{p} - \frac{m}{T^n}$$

and the following constants were chosen:

$$B = 0.6321$$
 (p in lb. per sq. in.)  
 $\log m = 12.90000$   
 $c = 0.10$   
 $n = 5$ 

With these constants the equation represents satisfactorily the experimental volumes of the superheated vapor, and at saturation it gives values that agree closely with values of v'' obtained from the Clapeyron relation.

With the analytical methods that were used in the case of superheated steam the following equations are derived:

$$c_p = \alpha + \beta T + \frac{Amn(n+1)}{T^{n+1}}p,$$

$$i = \alpha T + \frac{1}{2}\beta T^2 - A(n+1)p\frac{m}{T^n} - Acp + i_0,$$

$$s = \alpha \log_e T + \beta T - AB\log_e p - Anp\frac{m}{T^{n+1}} + s_0.$$

The constants must be adjusted to meet two conditions. I. Values of  $c_p$  calculated from the first equation should agree with available experimental values. 2. Values of i' obtained from the equation for i (by subtraction of r from i'') should agree with the experimental values found by Dieterici and Drewes. The following values were finally chosen

$$\alpha = 0.382$$
  $i_0 = 358.0$   $\beta = 0.000174$   $s_0 = -0.8266$ 

## THE TABLES AND DIAGRAMS

Explanation of the Tables. — Tables I and 2 give the properties of saturated steam and Table 3 the properties of superheated steam. Tables 7, 8, and 9 give similarly the properties of saturated and superheated ammonia.

In Table 2 the temperature is taken as the argument and the tabular values were calculated directly from the general equations. The values in Table 1, in which the pressure is the argument, were obtained by interpolation from Table 2. Below atmospheric pressure, the pressures in Table 1 are given in inches of mercury, and from 0.2 to 5 inches the interval is taken as 0.1 inch. Hence the properties associated with the low pressures involved in modern condenser practice may be easily determined.

The upper limit of the range of temperature for which the general equations may be considered valid is apparently about 560° F. However, tentative values of the various properties between 560 degrees and the critical temperature are given in Table 2. These were obtained by certain empirical methods that are described in the original paper. (See Bulletin No. 75, Eng'g Exper. Station, U. of Ill., pp. 61–64.) While experimental evidence is lacking for temperatures above 400° F., it is believed that the values between 400 and 560 degrees are fairly accurate. Those for temperatures above 560 degrees are not so worthy of confidence.

In the case of superheated steam, the properties are functions of both pressure and temperature. Table 3 is so arranged that the properties for eight successive pressures appear on each page. The temperature rather than the degree of superheat is taken as the variable. Tendegree intervals are used up to about 200 degrees of superheat and 50-degree intervals beyond. Under each pressure is given in parentheses the corresponding saturation temperature so that the degree of superheat if desired may be readily obtained by subtraction.

Table 4 gives corresponding temperatures and pressures of saturated steam near atmospheric pressure. In other words, the table gives boiling points for various barometer indications.

Table 5 gives the important thermal properties of water. At the lower temperatures the values of density and volume were taken from the most reliable existing data. The specific heat throughout and the other properties at higher temperatures were recalculated.

Table 6 gives the more important data of mixtures of air and saturated vapor of water. It will be found useful in the solution of prob-

lems that involve hygrometric conditions. As is customary in present practice, tabular values are based on the weight rather than the volume of the dry air. The three columns of thermal magnitudes may require some explanation. The first of these gives the heat content of I pound of dry air above o° F. The values were obtained from Swann's expression for the specific heat of air, namely,

$$c_p = 0.24112 + 0.000009 t.$$

The next column gives the heat required to vaporize the weight of water required to saturate the air at the given temperature. Below 32 degrees the heat of sublimation rather than the latent heat of vaporization is used. The third of the three columns gives the heat content of the mixture, and the values are obtained by adding the corresponding values in the other columns. Strictly speaking, the term "heat content" is improper in this connection, because the heat of the liquid is not included. The heat content of a non-saturated mixture with known relative humidity may be found with sufficient accuracy from the first two of these three columns. Multiply the tabular value in the second column by the relative humidity and add the product to the value in the first column. Thus with a temperature of 80° F. and relative humidity of 0.70, the heat content of I pound of air with the contained water vapor is

 $19.32 + 0.70 \times 23.31 = 35.64$  B.t.u.

Tables 7, 8, 9, and 10 for ammonia correspond to Tables 1, 2, 3, and 5 for water vapor, and require no special comment.

The Diagrams. — For the expeditious solution of many engineering problems in which extreme accuracy is not required the tables of properties may be replaced by certain graphical charts. It is perhaps true that the value of such graphical aids is generally overestimated, and that most problems can be worked from the tables with the expenditure of very little more time and effort and with much greater accuracy.

While any two of the variables p, v, t, u, s, i may be taken as the ordinate and abscissa, respectively, the Mollier chart, in which i and s are so used, has important advantages.

Two Mollier diagrams, one for steam and one for ammonia, accompany these tables. These differ in one essential respect. In the case of steam the properties of the medium near the liquid state are rarely needed, hence the chart includes only the properties near the saturation limit and in the region of superheat. In the case of ammonia, on the other hand, the liquid curve must be included on account of the phenomena connected with the free expansion of the fluid through the expansion valve. Therefore the ammonia diagram has two parts, one showing the properties in the region of superheat and near the saturation curve, the other the properties near the liquid curve.

Each diagram gives several families of curves. Lines parallel to the coördinate axes give, respectively, values of heat content and entropy as read on the scales along the margin. There is a family of constantpressure curves, in the superheat region a family of constant-temperature curves, and in the mixture region a family of constant-quality curves. Any point on the diagram represents a definite state of the fluid. If the point lies in the region of superheat the heat content, entropy, pressure, and temperature are read off directly; if it lies in the mixture region the quality is given but the temperature must be obtained from the pressure. Two important properties, the volume and energy, are not given by the diagram as constructed. While it is possible to construct constant-volume and constant-energy curves, the inclusion of so many families of curves on a single diagram would lead to confusion. Furthermore, at low pressures the volume changes so rapidly that it is impossible to read volumes with any degree of accuracy. The volume and energy may, however, be easily obtained from the other properties. Thus to find the volume: If the point lies in the region of superheat read the pressure and temperature from the diagram and simply look up the corresponding value of v in Table 3; if it lies in the mixture region read the pressure and quality from the diagram, look up the value of the saturation volume v'' for the pressure, and multiply this by the quality. Having the specific volume, the energy is readily obtained from the relation

$$u = i - 144 A pv$$
  
=  $i - 0.1852 pv$ . (log 0.1852 =  $\overline{1}.26758$ .)

If the pressure is given in inches of mercury the formula becomes

$$u = i - 0.091 pv.$$

**Illustrative Examples.** — The following examples illustrate some of the more important uses of the diagrams and tables.

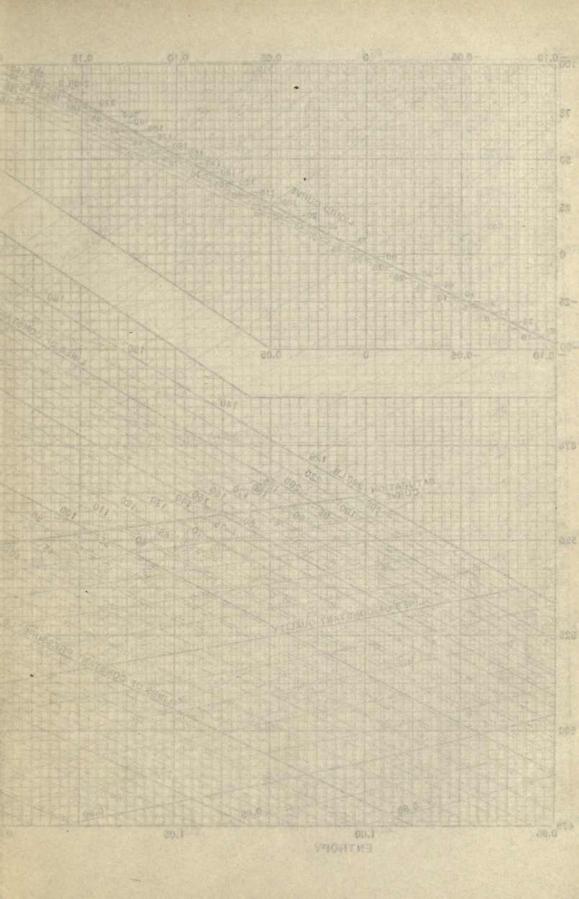
**Example 1.\*** Find the properties of steam at a pressure of 120 lb. per sq. in. and a temperature of 412° F.

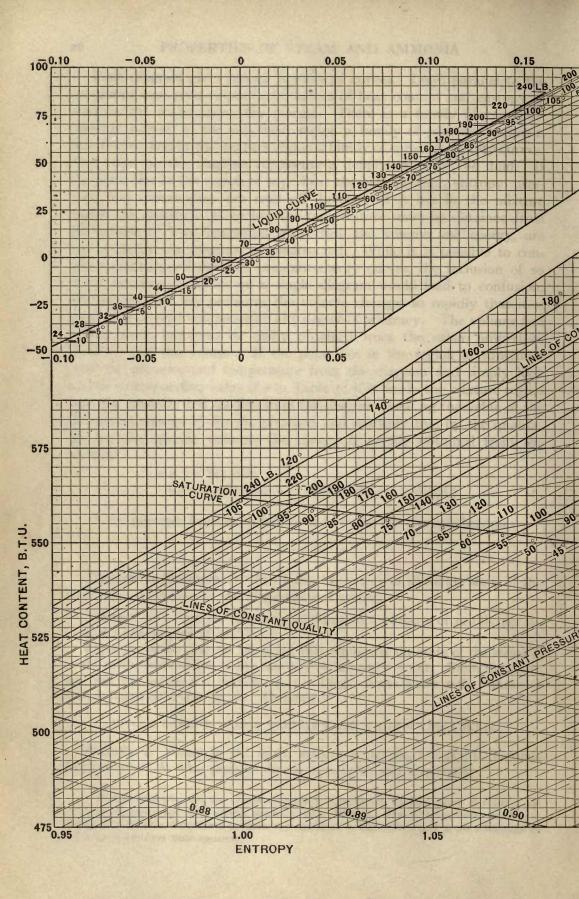
From the steam diagram the point that represents the state of the steam is found at the intersection of the curves p = 120 and t = 412. From the scales are read the values i = 1231 B.t.u., s = 1.637. From Table 3 the volume of 1 lb. is found to be 4.16 cu. ft. Therefore

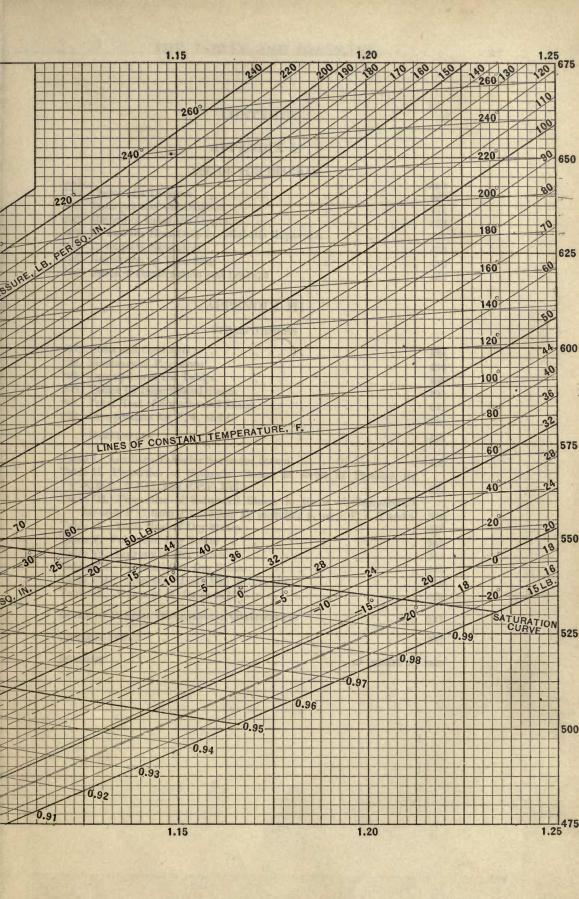
$$u = i - 0.1852 pv = 1232 - 0.1852 \times 120 \times 4.16 = 1138.5 \text{ B.t.u.}$$

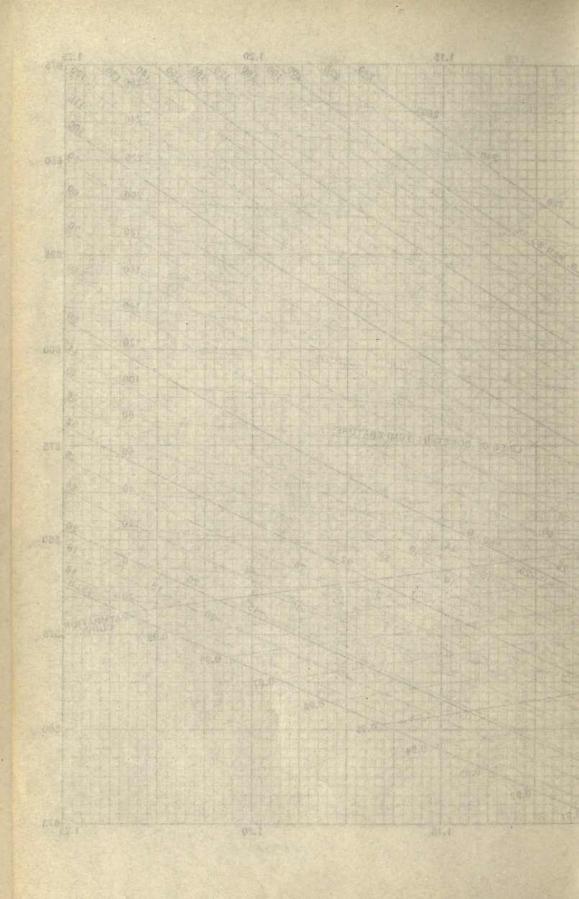
**Example 2.** Steam in the initial state p = 120 lb.,  $t = 412^{\circ}$  F. expands adiabatically. At what pressure does it become dry and saturated?

<sup>\*</sup> In this example, the use of the diagram is superfluous, for the values of *i* and *s* are obtained as easily and with greater accuracy from Table 3. When the problem involves a change of state or a comparison between two states, as in Examples 2 and 3, the advantage of the diagram becomes more apparent.









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In adiabatic expansion the entropy remains constant; hence the second state is given by the intersection of the line s = 1.637 with the saturation curve. The pressure indicated by this point is 68 lb. per sq. in.

**Example 3.** Steam in the same initial state as in Examples 1 and 2 expands adiabatically to a pressure of 2.5 in. of mercury. Find the volume, heat content, energy, and quality in the final state.

The entropy in the initial state is 1.637; hence find the intersection of the line s = 1.637 with the curve p = 2.5 in. of Hg. This point gives the values x = 0.822, i = 925 B.t.u. From Table 1, v'' for 2.5 in. of Hg is 247.7 cu. ft., hence the volume of the mixture with quality of 0.822 is  $247.7 \times 0.822 = 203.6$  cu. ft. The energy is  $925 - 0.091 \times 2.5 \times 203.6 = 878.7$  B.t.u.

**Example 4.** With the data of Example 3, find the work done by I pound of steam in expanding.

When steam expands adiabatically the work done is equal to the decrease of energy.  $u_1 = 1138.5$  (Ex. 1) and  $u_2 = 878.7$ ; hence the work is

$$w_{12} = 1138.5 - 878.7 = 259.8 \text{ B.t.u.} = 202,030 \text{ ft. lb.}$$

**Example 5.** Steam having an initial pressure of 180 lb. per sq. in. and a temperature of 550° F. is assumed to pass through an ideal Rankine cycle. Find the heat changed into work (a) when the steam is exhausted at a pressure of 16 lb.; (b) when it is exhausted at a pressure of 3 in. of Hg.

In the Rankine cycle the heat changed into work is given by the decrease of the heat content during adiabatic expansion. From the diagram,  $i_1 = 1297.4$  B.t.u. Following the line of constant entropy to p = 16 lb.,  $i_2$  is found to be 1094 B.t.u., and continuing to p = 3 in. of Hg,  $i_2 = 950$  B.t.u. Hence the heat turned into work is for the first case 1297.4 - 1094 = 203.4 B.t.u., and for the second case 1297.4 - 950 = 347.4 B.t.u.

**Example 6.** Steam at a pressure of 200 lb. per sq. in. and quality 0.97 is throttled in passing through a reducing valve. At what pressure will the steam be dry and saturated after passing through the valve?

In a throttling process the heat content i remains constant. Hence a line i = const. through the initial point intersects the saturation curve in a point that gives the required final state. The pressure is found to be 44 lb. per sq. in.

**Example 7.** In a throttling calorimeter the observed pressure is 17 lb. and the temperature 255° F. If the initial pressure of the steam was 160 lb., what was the initial quality?

A line of constant i through the point p = 17 lb.,  $t = 255^{\circ}$  cuts the line p = 160 lb. in a point at which the quality is 0.973.

**Example 8.** Steam at a pressure of 200 lb. per sq. in. and a temperature of 450° F. expands in a nozzle to a pressure of 60 lb. per sq. in. Find the velocity attained by the jet (a) when the flow is assumed to be frictionless; (b) when, due to friction, there is a loss of 12 per cent in the energy of the jet.

If the expansion in a nozzle is adiabatic and frictionless the fundamental equation of flow is  $\frac{w^2}{2 g} = J(i_1 - i_2)$ , or  $w = 223.7 \sqrt{i_1 - i_2}$ . The effect of friction is to decrease the jet energy, and if this decrease is y per cent of the frictionless jet energy, the velocity in this case is given by  $w = 223.7 \sqrt{(i_1 - i_2)(1 - y)}$ .

From the diagram the initial heat content is 1240, and the final heat content

after adiabatic expansion to 60 lb. is found to be 1139 B.t.u. Hence, if the flow is frictionless,

$$w = 223.7 \sqrt{1240 - 1139} = 2250$$
 ft. per sec., approx.

With 12 per cent loss of energy, the velocity is

$$w = 223.7 \sqrt{(1240 - 1139) \times 0.88} = 2110 \text{ ft. per sec.}$$

**Example 9.** In case (b) of Example 8, find the quality and specific volume of the steam in the final state, that is, after expansion to 60 lb.

In the frictionless case the change in i is 1240 - 1139 = 101 B.t.u. With friction this is decreased 12 per cent, leaving  $101 \times 0.88 = 88.9$  B.t.u. Hence in the second state i = 1240 - 88.9 = 1151.1 B.t.u., and the pressure is 60 lb. From the diagram the corresponding quality is 0.97, nearly. For 60 lb., v'' = 7.18 cu. ft., hence the volume per pound is  $7.18 \times 0.97 = 6.96$  cu. ft.

**Example 10.** Determine the area of the end section of the nozzle for a discharge of 75 lb. of steam per minute, using the results obtained in Examples 8 and 9.

In the equation of continuity, Fw = Mv, M is given as  $\frac{7.5}{60}$  lb. per sec., w = 2110, v = 6.96. Hence the area F is

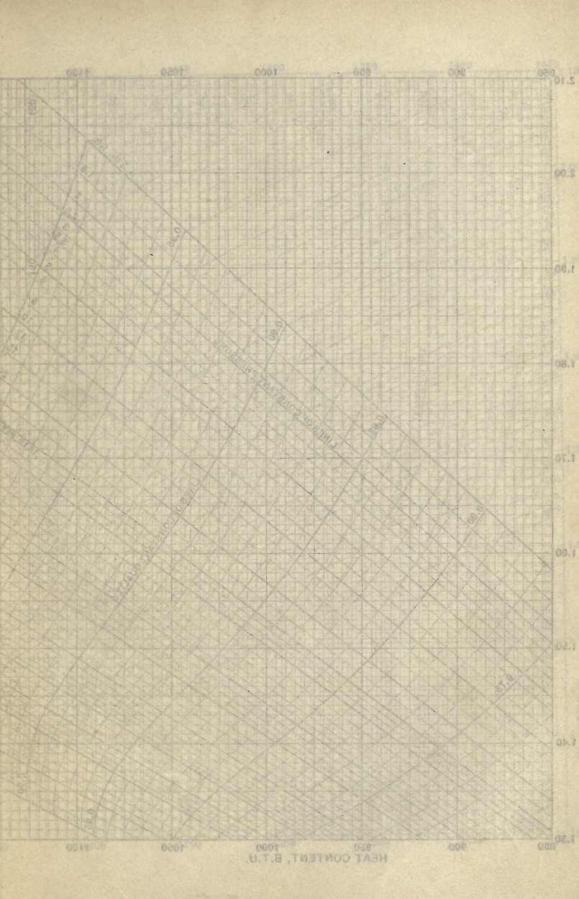
$$\frac{75}{60} \times \frac{6.96}{2110} = 0.00413$$
 sq. ft. = 0.595 sq. in.

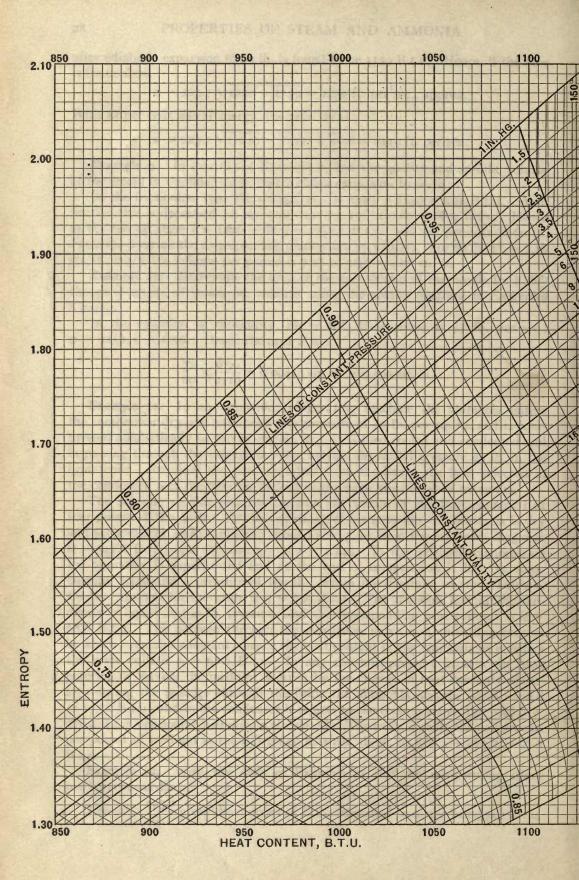
**Example 11.** In an ammonia refrigerating machine the ammonia enters the compressor dry and saturated at a pressure of 40 lb. per sq. in. and is compressed adiabatically to 190 lb. per sq. in. It is then cooled and condensed and in passing through the expansion valve attains the initial pressure 40 lb. in the brine coils. Required the heat absorbed from the brine, the heat rejected in the condenser, and the heat equivalent of the work per pound of ammonia.

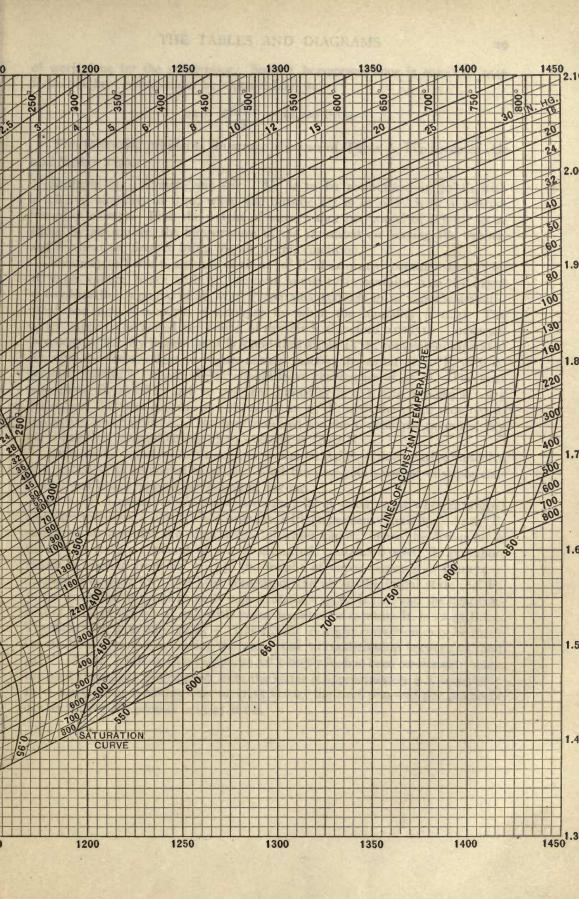
The solution of this problem requires the values of the heat content i at four points of the cycle. At the beginning of compression the ammonia is dry and saturated at 40 lb. pressure; from Table 7, or from the ammonia diagram,  $i_1 = 541.8$  B.t.u. and the entropy is s = 1.149. In the adiabatic compression the ammonia is superheated and at the end of compression it has the same entropy 1.149 and a pressure of 190 lb. From the diagram, or from Table 9, the heat content for this state is  $i_2 = 639$  B.t.u. The ammonia leaving the condenser is liquid at 190 lb. pressure, and the corresponding heat content is  $i_3 =$ 68.6 B.t.u. The passage through the expansion valve is a throttling process in which i remains constant; hence the heat content of the ammonia as it enters the brine coils is  $i_4 = 68.6$  B.t.u. In any constant-pressure process the heat entering or leaving the medium is given by the change in heat content; therefore during the passage through the brine the ammonia absorbs 541.8 - 68.6 = 473.2 B.t.u., and in the condenser it rejects to the cooling water 639 - 68.6 = 570.4 B.t.u. per pound of ammonia circulated. The work done by the compressor per pound of medium is the difference between these, or 570.4 - 473.2 = 97.2B.t.u.

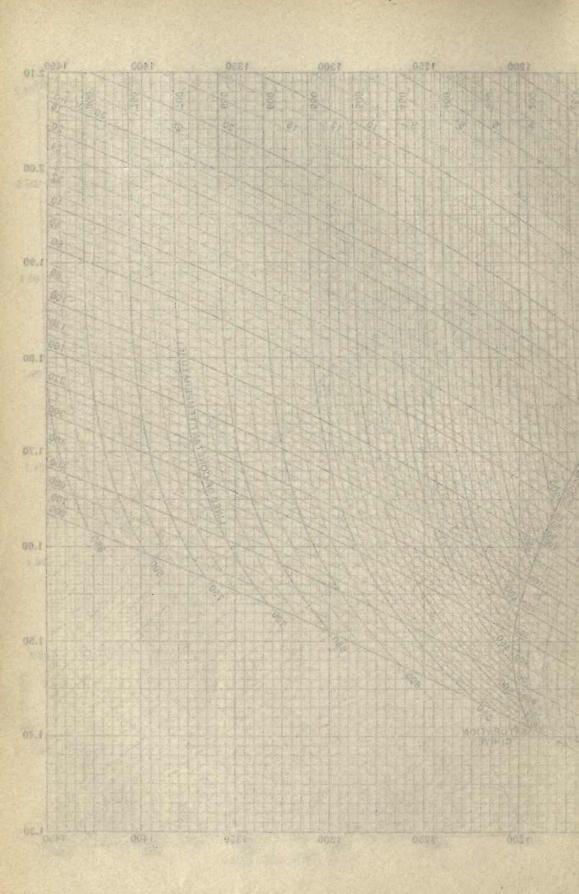
**Example 12.** With the data of Example 11 find the refrigerating effect per horsepower-hour.

The ratio  $\frac{473.2}{97.2}$  gives the number of B.t.u. absorbed from the brine per B.t.u.









of work done by the compressor. Since I horsepower-hour is equal to 2546 B.t.u. the heat removed per horsepower-hour is

$$2546 \times \frac{473.2}{97.2} = 12,600 \text{ B.t.u.}$$

The following problems illustrate the use of Table 6, Mixtures of Air and Water Vapor.

**Example 13.** Humidifying Air. Air is to be maintained at 70° F. with a relative humidity of 0.40, when the outside air is at 0° F. with a relative humidity of 0.70. Find the weight of water vapor per pound of dry air to be added by air washer, the temperature of the saturated air leaving the washer, and the heat required to bring the air to this condition.

Referring to Table 6, I pound of air at  $70^{\circ}$  F., if saturated, contains 0.01578 lb. of water vapor; hence with 40 per cent humidity it contains  $0.40 \times 0.01578 = 0.006312$  lb. I pound of air at  $0^{\circ}$  F. contains 0.000781 lb. of vapor when saturated and  $0.70 \times 0.000781 = 0.000547$  lb. when the humidity is 0.70. The water vapor to be added per pound of dry air is therefore 0.006312 - 0.000547 = 0.005765 lb. By inspection it is found that air at  $45^{\circ}$  F. completely saturated contains the same weight of vapor, namely 0.00631 lb., as air at  $70^{\circ}$  F. with 40 per cent humidity; hence the air should leave the washer at  $45^{\circ}$  F. The heat content of air at  $0^{\circ}$  F. and 70 per cent humidity is  $0 + 0.70 \times 0.964 = 0.675$  B.t.u., and the heat content of I lb. of air at  $45^{\circ}$  F. with the vapor required to saturate it is 17.59 B.t.u. The heat required for the process per pound of dry air is therefore approximately 17.59 - 0.675 = 16.92 B.t.u.

**Example 14.** Cooling. Air enters a washer at 84° F. with a relative humidity of 0.50 and is to be cooled to 54° F. Find the dew-point, weight of vapor condensed and heat removed per pound of dry air.

At 84° F. I pound of air contains 0.02547 lb. of water vapor when saturated and therefore  $0.50 \times 0.02547 = 0.01274$  lb. with 50 per cent humidity. At 64° F. saturated air contains the same weight of water vapor; hence the dew-point is 64° F. At 54° F. I pound of air, if saturated, contains 0.00887 lb. of vapor. Hence in cooling from 64° to 54° the weight of vapor removed is 0.01274 - 0.00887 = 0.00387 lb. The heat content of the air in the initial state (84° F., 50 per cent humidity) is  $20.29 \times 0.50 \times 26.62 = 33.60$  B.t.u., and the heat content of I lb. of dry air at 54°, with vapor required to saturate it, is 22.45 B.t.u. The difference is 33.60 - 22.45 = 11.15 B.t.u. A slight correction may be made for the heat removed in cooling the water, due to condensation between 64° and 54° F. At 64° condensation begins, at 54° 0.00387 lb. has been condensed; hence the heat that must be removed from the water is approximately  $\frac{1}{2} \times 0.00387 \times 10 = 0.019$  B.t.u. Adding this to 11.15 B.t.u., the heat removed per pound of dry air during the process is 11.17 B.t.u.

TABLE 1
PROPERTIES OF SATURATED STEAM
PRESSURES

Pres	sure	Temp.,	Vol-	Weight,	Heat c	ontent .t.u.		t heat	Energy	F	Entropy	
In. of mer- cury	Lb. per	°F.	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of vapor- ization	Internal	B.t.u.	of liquid	of vapor- ization	of vapor
р	-	t	∇″	I/V"	i'	ì"	r	ρ	u"	s'	r/T	s"
0.2	0.0982	34.55		0.000334	2.56	1074.2	1071.7		1018.8	0.0052	2.1687	2.1739
0.3	.1474	44.97	2036	.000491	13.04	1079.2	1066.1		1023.6	.0262	2.1130	2.1392
0.5	.2456	52.67		.000797	20.75	1085.7	1058.8		1028.6	.0413	2.0732	2.1146
0.6	.2947	63.98		.000947	32.06	1088.1	1056.0	998.4	1030.4	.0632	2.0169	2.0801
0.7 0.8	0.3438	68.43	913	0.001096		1090.1	1053.6	995.5	1032.0	0.0717	1.9956	2.0672
0.9	.3929	72.35 75.87	720	.001243	40.42	1091.9	1051.5	993.0	1033.4	.0790	1.9768	2.0558
1.0	.4912	79.06	652	.001534		1095.0	1047.9	988.7	1035.8	.0915	1.9455	2.0370
1.1	.5403	81.98	596	.001679	50.03	1096.4	1046.4	986.8	1036.8	.0969		2.0290
1.2 1.3	0.589	84.68 87.19	549 508.7	0.001823	52.72	1097.6	1044.9	985.0	1037.7	0.1019	1.9198	2.0217
1.4	.688	89.54	474.3	.001900	55·23 57·57	1093.8	1043.5	983.4	1039.4	.1108	1.8980	2.0150
1.5	.737	91.75	444.5	.002250	0.0.	1100.8	1041.1	980.4	1040.2	.1148	1.8882	2.0030
1.6	.786	93.83	418.2	.002391	61.84	1101.8	1040.0	979.1	1040.9	.1185	1.8791	1.9976
1.7	0.835	95.80	395.0	0.002532	63.81	1102.7	1038.9	977.8	1041.6	0.1221	1.8705	1.9926
1.8 1.9	.884	97.67	374.3	.002672	65.68	1103.5	1037.9	976.6	1042.3	.1254	1.8624	1.9878
2.0	·933 ·982	99.46	355·7 338.9	.002811	67.46	1104.3	1036.0	975·4 974·3	1042.9	.1286	1.8547	1.9833
						120						
2.036	1	101.76	333-3		69.76	1105.4	1035.6	973.9	1043.7	0.1327	1.8448	1.9775
2.1	1.031	102.80	323.7	0.00309	70.79	1105.9	1035.1	973.2	1044.0	0.1345	1.8404	1.9750
2.3	1.130	104.37	309.8 297.1	.00323	72.36	1106.6	1034.2	972.2	1044.6	.1373	1.8338	1.9711
2.4	1.179	107.33	285.5	.00350	75.30	1107.9	1032.6	970.3	1045.6	.1425	1.8213	1.9639
2.5	1.228	108.73	274.7	.00364	76.70	1108.5	1031.8	969.4	1046.1	.1450	1.8155	1.9605
2.6	1.477	110.08	264.7	0.00378	78.05	1109.1	1031.1	968.5	1046.5	0.1474	1.8099	1.9573
2.7	1.326	111.39	255.5	.00391	79.36	1109.7	1030.4	967.6	1047.0	.1497	1.8045	1.9541
2.8 2.9	1.375	112.66	246.9	.00405	80.62	1110.3	1029.7	966.8	1047.4	.1519	1.7992	1.9511
3.0	I.424 I.474	113.89	238.9	.00419	81.85	1110.8	1029.0	966.0 965.2	1047.8	.1540	1.7942	1.9482
3.1		116.24	224.4	0.00446	84.19	1111.9	1027.7	964.4	1048.6	0.1581	1.7846	
3.2	I.523 I.572	117.37	217.8	.00459	85.32	1111.9	1027.7	963.7	1049.0	.1601	1.7800	1.9427
3.3	1.621	118.47	211.6	.00473	86.41	1112.9	1026.4	962.9	1049.4	.1620	1.7756	1.9376
3.4	1.670	119.54	205.7	.00486	87.48	1113.3	1025.8	962.2	1049.7	.1638	1.7713	1.9351
3.5	1.719	120.58	200.2	.00500	88.52	1113.8	1025.3	961.5	1050.1	.1656	1.7671	1.9327
3.6	1.768	121.60	195.0	0.00513	89.53	1114.2	1024.7	960.9	1050.4	0.1673	1.7631	1.9304
3.8	1.817	122.59	190.0	.00526	90.52	1114.7	1024.2	960.3 959.6	1050.7	.1690	1.7591	1.9281
3.9	1.916	124.52	180.8	.00553	92.44	1115.5	1023.1	958.9	1051.4	.1723	1.7515	1.9238
4.0	1.965	125.44	176.5	.00566	93.37			958.3	1051.7		1.7478	
4.072	2	126.10	173.6	0.00576	94.02	1116.2	1022.2	957.9	1051.9	0.1750	1.7452	1.9203
4.1	2.014	126.35	172.5	0.00580	94.28	1116.3	1022.0	957.7	1052.0	0.1755	1.7442	1.9197
4.2	2.063	127.25	168.7	.00593	95.16		1021.5	957.1	1052.3		1.7407	1.9177
4.3	2.112	128.12	165.0	.00606	96.03	1117.1	1021.1	956.5	1052.6		I.7373	1.9158
4.4	2.161	128.97	161.5	.00619	96.89	1117.5	1020.6	956.0	1052.9	.1799	1.7340	1.9139
-		-										

	Pre	ssure		Vol-	177 . 1 .		ontent		t heat	_		Entropy	,
	In. of	Lb. per	Temp.,	ume, cu. ft. per lb.	Weight, lb. per cu. ft.		1	of vapor-	1	Energy in B.t.u.		of vapor-	
	mer- cury	sq. in.		per its.		of liquid	of vapor	ization	Internal		of liquid	ization	of vapor
	P.	-	t	٧"	I/V"	i'	i"	r	ρ	u"	s'	r/T	s"
	4.5		129.81		0.00633	97.73	1117.8		955.4	1053.1	0.1813	1.7307	1.9121
	4.7	2.260			.00646	98.55	1118.6	1019.7	954·9 954·4	1053.4	.1827	I.7275 I.7244	1.9103
	4.8	2.358			.00672	100.14	1118.9	1018.8	953.8 953.3	1054.0	.1854	1.7214	1.9068
						110.68							
	6	2.456 2.947	133.78	143.2	0.00698	108.69	1119.6	1017.9	952.8 948.1	1054.5	0.1880	1.7154	1.9034
	6.108	3	141.49	118.7	0.00843	109.38	1122.9	1013.5	947.6	1057.0	0.2009	1.6862	1.8871
	7	3.438 3.929	146.88 152.26	92.1	0.00958	114.8	1125.2	1010.5	944.0 940.4	1058.8	0.2098	1.6661 1.6464	1.8760
	8.144	4	152.99	90.6	0.01104	120.9	1127.9	1007.0	939.9	1060.7	0.2199	1.6438	1.8637
	9	4.421	157.10	82.5 74.8	0.01212	125.0	1129.6	1004.6	937.I 934.I	1062.1	0.2265	1.6290	1.8556
	10.180	5	162.25	73.5	0.01360	130.1	1131.7	1001.6	933.6	1063.7	0.2348	1.6107	1.8456
	11	5.403 5.894	165.55	68.4 63.0	0.01463	133.4 137.2	1133.1	999·7 997·5	931.3	1064.8	0.2401	1.5992	1.8393
	12.216	6	170.07	62.0	0.01614	137.9	1135.0	997.1	928.2	1066.2	0.2473	1.5835	1.8308
	13	6.39	172.79	58.5 54.6	0.01710	140.7	1136.1 1137.5	995·5 993.6	926.4 924.1	1067.0	0.2516	I.5742 I.5630	1.8258
	14.25	7	176.85	53.7	0.01864	144.7	1137.8	993.1	923.6	1068.3	0.2581	1.5603	1.8184
	L5	7.37	179.14	51.14	0.01955	147.0	1138.8	991.7	922.0	1069.0	0.2617	1.5526	1.8143
	16	7.86 <b>8</b>	182.06	48.14	.02077	149.9	1140.0	990.0	920.0	1069.9	.2662	1.5429	1.8091
	6.29 L7		182.87	47.35	0.02112	150.8	1140.3	989.5	919.4	1070.2	0.2675	1.5402	1.8077
	18	8.35 8.84	184.83	45.49 43.12	0.02198	152.7	1141.1	986.7	916.2	1070.8	.2746	1.5337	1.8042
	8.32	9	188.28	42.41	0.02358	156.2	1142.5	986.3	915.6	1071.8	0.2759.	1.5223	1.7982
	19 20	9.33 9.82	189.97 192.38	40.99 39.08	.02559	157.9 160.3	1143.1 1144.1	985.2 983.8	914.4 912.7	1072.3	0.2785	1.5168	1.7953
2	20.36	10	193.21	38.43	0.02602	161.1	1144.4	983.3	912.2	1073.3	0.2835	1.5062	1.7897
	21	10.31	194.68	37·34 35·75	0.02678	162.6 164.8	1145.0	982.4 981.1	911.1	1073.8	0.2858	1.5015	1.7873
2	2.40	11	197.75	35.16	0.02844	165.7	1146.2	980.5	909.0	1074.6	0.2905	1.4916	1.7821
	23	-	199.03	0. 0		167.0	1146.7	979.8	908.1		0.2924		1.7800
	4.43	12	201.09	32.95	0.03035	169.0	1147.5	978.5 978.0	906.6	1075.7	0.2955	1.4810	1.7766
2	25	12.28	203.08		0.03153	170.1	1148.3	977.3	905.2	1076.2	0.2986	1.4747	1.7733
	26	12.77	205.00	30.57		173.0	1149.1	976.1	903.8	1076.8	.3015	1.4687	1.7702
	6.47	13	205.88		0.03326	173.8	1149.4	975.6 974.9	903.2	1077.3	0.3028	1.4659	1.7687
	8	13.75	208.67	28.53		176.6	1150.5	974.9	901.2	1077.9	.3070	1.4572	1.7642
	8.50	14	209.56			177.5	1150.8	973-3	900.6		0.3083	1.4545	1.7628
2	29	14.24	210.43	27.61	0.03622	178.4	1151.2	972.7	900.0	1078.4	0.3096	1.4518	1.7614
2	9.92	14.697	212		0.03730	180.0	1151.7	971.7	898.8	1078.8	0.3120	1.4469	1.7589
	30	14.74	212.13	26.75	0.03739	180.1	1151.8	971.7	898.8	1078.9	0.3122	1.4465	1.7587
						-							

sure,	Toma	Volume,	Weight,		ntent in t.u.	B.t	heat in	Energy		Entropy	
lb. per sq. in.	Temp., °F.	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of vapor- ization	Internal	in B.t.u.	of liquid	of vapor- ization	of vapor
р	t	ν"	I/V°	i'	i"	r	ρ	u"	s'	r/T	s"
15	213.0	26.30	0.03802	181.0	1152.2	971.2	898.1	1079.1	0.3135	1.4438	1.7573
16	216.3	24.76	.04038	184.3	1153.4	969.1	895.8	1080.0	.3184	1.4337	1.7521
17	219.4	23.40	.04274	187.5	1154.6	967.1 965.2	893.5	1081.7	.3230	1.4242	1.7473
19	225.2	21.09	.04742	193.3	1155.7	963.4	889.3	1082.5	.3274	1.4068	1.7427
20	228.0	20.10	0.0498	196.0	1157.7	961.7	887.3	1083.3	0.3356	1.3987	1.7343
21	230.6	19.20	.0521	198.7	1158.7	960.0	885.4	1084.0	-3394	1.3910	1.7304
22	233.1	18.38	.0544	201.2	1159.6	958.4	883.6	1084.7	.3430	1.3837	1.7267
23	235.5	17.64	.0567	203.6	1160.4	956.8	881.8	1085.3	.3465	1.3766	1.7231
24	237.8	16.95	.0590	206.0	1161.3	955-3	880.1	1085.9	-3499	1.3698	1.7197
25	240.1	16.32	0.0613	208.2	1162.1	953.8	878.4	1086.5	0.3531	1.3633	1.7164
26	242.2	15.73	.0636	210.4	1162.8	952.4	876.8	1087.1	.3563	1.3570	1.7133
27 28	244.3 246.4	14.67	.0681	214.6	1164.3	951.0		1088.2	•3593	1.3510	1.7103
29	248.4	14.20	.0704	216.6	1165.0	949.7 948.4	873.7 872.2	1088.7	.3622	1.3452	1.7074
30	250.3	13.76	0.0727	218.6	1165.7	947.1	870.7	1089.2	0.3679	1.3340	1.7019
31	252.2	13.34	.0749	220.5	1166.3	945.8	869.3	1089.7	.3705	1.3287	1.6992
32	254.0	12.95	.0772	222.4	1166.9	944.6	867.9	1090.2	·373I	1.3236	1.6967
33	255.8	12.59	.0795	224.2	1167.5	943.4	866.5	1090.6	-3757	1.3186	1.6942
34	257.6	12.24	.0818	225.9	1168.1	942.2	865.2	1091.0	.3781	1.3137	1,6918
35	259.3	11.91	0.0840	227.7	1168.7	941.0	863.9	1091.5	0.3805	1.3090	1.6895
36	260.9	11.60	.0862	229.4	1169.2	939.9	862.7	1091.9	.3829	1.3044	1.6873
37	262.6	11.31	.0884	231.0	1169.8	938.8	861.4	1092.3	.3852	1.2999	1.6851
38 39	264.2 265.7	10.76	.0907	232.6	1170.3	937.7	860.2 859.0	1092.7	.3874	1.2956	1.6830
40	267.2	10.51	0.0951	235.8	1171.3	935.5	857.8	1093.4	0.3917	1.2871	1.6788
41	268.7	10.27	.0974	237.3	1171.8	934.5	856.7	1093.8	.3938	1.2831	1.6768
42	270.2	10.04	.0996	238.8	1172.2	933.5	855.5	1094.2	.3958	1.2791	1.6749
43	271.6	9.82	.1018	240.2	1172.7	932.5	854.4	1094.5	.3978	1.2752	1.6730
44	273.0	9.61	.1040	241.7	1173.2	931.5	853.3	1094.8	.3998	1.2714	1.6712
45	274.4	9.41	0.1062	243.I	1173.6	930.5	852.2	1095.2	0.4017	1.2677	1.6694
46	275.8	9.22	.1085	244.5	1174.0	929.6	851.2	1095.5	.4036	1.2640	1.6676
47	277.1	9.04	.1107	245.8	1174.4	928.6	850.1	1095.8	.4054	1.2605	1.6659
48	278.4	8.86	.1129	247.2	1174.8	927.7	849.1	1096.1	.4072	1.2570	1.6642
49	279.7	8.69	.1151	248.5	1175.2	926.8	848.1	1096.4	.4090	1.2535	1.6625
50	281.0	8.53	0.1173	249.8	1175.6	925.9	847.1	1096.7	0.4108	1.2501	1.6609
51	282.3	8.37	.1195	251.0	1176.0	925.0	846.1	1097.0	.4125	1.2468	1.6593
52	283.5	8.22	.1217	252.3	1176.4	924.1	845.1	1097.2	.4142	1.2436	1.6577
53 54	284.7 285.9	8.07 7.93	.1239	253·5 254·7	1176.7	923.2	844.2	1097.5	.4158	1.2404	1.6562
55	287.1	7.80	0.1283	255.9	1177.5	921.5	842.3	1098.0	0.4190	1.2342	1.6532
56	288.2	7.67	.1304	257.1	1177.8	920.7	841.4	1098.3	.4206	1.2311	1.6517
57	289.4	7.54	.1326	258.3	1178.1	919.8	840.4	1098.6	.4222	1.2281	1.6503
58	290.5	7.42	.1348	259.5	1178.5	919.0	839.5	1098.8	.4237	1.2252	1.6489
59	291.6	7.30	.1370	260.6	1178.8	918.2	838.6	1099.0	.4252	1.2223	1.6475
60	292.7	7.18	0.1392	261.7	1179.1	917.4	837.8	1099.3	0.4267	1.2195	1.6462
61 62	293.8	7.07	.1414	262.8	1179.4	916.6	836.9	1099.5	.4282	1.2167	1.6448
63	294.9	6.97 6.86	.1435	263.9 265.0	1179.7	915.8	836.0	1099.7	.4296	1.2139	1.6435
64 .	295.9 296.9	6.76	.1457	266.1	1180.3	915.0	835.2 834.3	1100.0	.4310	1.2112	1.6422
65	298.0	6.66	0.1501	267.1	1180.6	913.5	833.5	1100.4	0.4338	1.2058	1.6397
66	299.0	6.57	.1522	268.2	1180.9	912.7	832.7	1100.6	.4352	1.2032	1.6384
67	300.0	6.48	.1544	269.2	1181.2	912.0	831.9	1100.8	.4366	1.2006	1.6372
68	301.0	6.39	.1566	270.2	1181.5	911.2	831.1	0.1011	-4379	1.1981	1.6360
69	302.0	6.30	.1587	271.2	1181.7	910.5	830.3	IIOI.2	.4392	1.1956	1.6348

77											33
Pres- sure,	Temp.,	Volume, cu. ft.	Weight,		ontent in		heat in	Energy		Entropy	1
lb. per sq. in.	° F.	per lb.	cu. ft.	of liquid	of vapor	of vapor- ization	Internal	B.t.u.	of liquid	of vapor- ization	of vapor
p ·	t	▼"	1/7"	i' .	i"	r	ρ	u"	s'	r/T	s"
70	302.9	6.22	0.1609	272.2	1182.0	909.8	829.5	1101.4	0.4405	1.1931	1.6336
71	303.9	6.13	.1630	273.2	1182.3	909.1	828.7	1101.6	.4418	1.1907	1.6324
72	1 304.8	6.05	.1652	274.2	1182.5	908.3	827.9	1101.8	·443I	1.1883	1.6313
73	305.8	5.97	.1674	275.I	1182.8	907.6	827.1	1102.0	.4443	1.1859	1.6302
74	306.7	5.90	.1695	276.1	1183.0	906.9	826.4	1102.2	.4456	1.1835	1.6291
75	307.6	5.82	0.1717	277.0	1183.3	906.2	825.6	1102.4	0.4468	1.1812	1.6280
76	308.5	5.75	.1738	278.0	1183.5	905.5	824.9	1102.6	.4480	1:1789	1.6269
77	309.4	5.68	.1760	278.9	1183.8	904.9	824.1	1102.7	-4492	1.1767	1.6259
78	310.3	5.61	.1781	279.8	1184.0	904.2	823.4	1102.9	.4504	1.1744	1.6248
79	311.2	5.55	.1803	280.7	1184.2	903.5	822.6	1103.1	.4515	1.1722	1.6238
80	312.0	5.48	0.1824	281.6	1184.4	902.8	821.9	1103.2	0.4527	1.1700	1.6227
81	312.9	5.42	.1846	282.5	1184.7	902.2	821.2	1103.4	.4538	1.1679	1.6217
82	313.7	5.35	.1868	283.4	1184.9	901.5	820.5	1103.6	.4550	1.1657	1.6207
83	314.6	5:29	.1889	284.2	1185.1	900.9	819.8	1103.7	.4561	1.1636	1.6197
84	315.4	5.23.	.1910	285.1	1185.3	900.2	819.1	1103.9	·4572	1.1615	1.6187
85	316.3	5.18,	0.1932	286.0	1185.5	899.6	818.4	1104.1	0.4583	1.1595	1.6178
86	317.1	5.12	.1953	286.8	1185.7	898.9	817.7	1104.2	.4594	1.1574	1.6168
87	317.9	5.06	.1975	287.6	1185.9	898.3	817.0	1104.4	.4604	1.1554	1.6158
88	318.7	5.01	.1996	288.5	1186.1	897.7	816.3	1104.5	.4615	1.1534	1.6149
89	319.5	4.96	.2017	289.3	1186.3	897.1	815.7	1104.7	.4626	1.1514	1.6140
90	320.3	4.905	0.2039	290.1	1186.5	896.4	815.0	1104.8	0.4636	1,1495	1.6131
91	321.0	4.854	.2060	290.9	1186.7	895.8	814.3	1104.9	.4647	1.1475	1.6122
92	321.8	4.805	.2081	291.7	1186.9	895.2	813.7	1105.1	.4657	1.1456	1.6113
93	322.6	4.756	.2102	292.5	1187.1	894.6	813.0	1105.2	.4667	1.1437	1.6105
94_	323.3	4.709	.2124	293.3	1187.3	894.0	812.4	1105.4	.4677	1.1419	1.6096
95	324.I	4.663	0.2145	294.1	1187.5	893.4	811.7	1105.5	0.4687	1.1400	1.6087
96	324.8	4.617	.2166	294.8	1187.7	892.8	811.1	1105.6	.4697	1.1381	1.6079
97	325.6	4.572	.2187	295.6	1187.8	892.2	810.5	1105.8	.4707	1.1363	1.6070
98	326.3	4.528	.2209	296.4	1188.0	891.6	809.8	1105.9	.4717	1.1345	1.6062
99	327.1	4.484	.2230	297.2	1188.2	891.0	809.2	1106.0	.4726	1.1327	1.6053
100	327.8	4.442	0.2251	297.9	1188.4	890.5	808.6	1106.2	0.4736	1.1309	1.6045
IOI	328.5	4.400	.2273	298.7	1188.5	889.9	808.0	1106.3	.4745	1.1291	1.6037
102	329.2	4.359	.2294	299.4	1188.7	889.3	807.4	1106.4	·4755	1.1274	1.6028
103	330.0	4.318	.2316	300.1	1188.9	888.7	806.7	1106.5	.4764	1.1256	1.6020
104	330.7	4.279	.2337	300.9	1189.0	888.2	806.1	1106.6	-4773	1.1239	1.6012
105	33114	4.240	0.2358	301.6	1189.2	887.6	805.5	1106.8	0.4782	1.1222	1.6004
106	332.0	4.202	.2380	302.3	1189.4	887.1	804.9	1106.9	.4791	1.1205	1.5996
107	332.7	4.165	.2401	303.0	1189.5	886.5	804.3	1107.0	.4800	1.1189	1.5989
108	333-4	4.128	.2422	303.7	1189.7	885.9	803.8	1107.1	.4809	1.1172	1.5981
109	334.1	4.092	.2444	304.4	1189.8	885.4	803.2	1107.2	.4818	1.1155	1.5973
110	334.8	4.057	0.2465	305.1	1190.0	884.8	802.6	1107.3	0.4827	1.1138	1.5965
III	335.5	4.022	.2486	305.8	1190.1	884.3	802.0	1107.4	.4836	1.1122	1.5957
112	336.1	3.988	.2508	306.5	1190.3	883.7	801.4	1107.6	.4844	1.1106	1.5950
113	336.8	3.954	.2529	307.2	1190.4	883.2	800.9	1107.7	.4853	1.1090	1.5943
114	337.4	3.921	.2550	307.9	1190.6	882.7	800.3	1107.8	.4861	1.1074	1.5935
115	338.1	3.889	0.2572	308.6	1190.7	882.1	799.7	1107.9	0.4870	1.1058	1.5928
116	338.7	3.857	.2593	309.2	1190.8	881.6	799.2	1108.0	.4878	1.1043	1.5921
117	339-4	3.826	.2614	309.9	1191.0	881.1	798.6	1108.1	.4886	1.1027	1.5914
118	340.0	3.795	.2635	310.6	1191.1	880.6	798.0	1108.2	.4895	1.1012	1.5907
119	340.6	3.765	.2657	311.2	1191.2	880.0	797.5	1108.3	.4903	1.0997	1.5900
120	341.3	3.735	0.2678	311.9	1191.4	879.5	796.9	1108.4	0.4911	1.0982	1.5893
121	341.9	3.705	.2699	312.5	1191.5	879.0	796.4	1108.5	.4919	1.0967	1.5886
122	342.5	3.676	.2720	313.2	1191.6	878.5	795.8	1108.6	.4927	1.0952	1.5879
123	343.1	3.648	.2741	313.8	1191.8	878.0	795.3	1108.7	•4935	1.0937	1.5872
124	343.7	3.620	.2762	314.4	1191.9	877.5	794.8	1108.8	-4943	1.0922	1.5865

3.3

				1		1			1		
Pres- sure,	Temp.,	Volume, cu. ft.	Weight, 1b. per		ontent in t.u.		heat in	Energy in		Entropy	
lb. per sq. in.	°F.	per lb.	cu. ft.	of liquid	of vapor	of vapor- ization	Internal	B.t.u.	of liquid	of vapor- ization	of vapor
р	t	٧"	I/V"	i'	i"	r	ρ	u"	s'	r/T	s"
125	344.4	3.593	0.2783	315.1	1192.0	876.9	794.2	1108.8	0.4950	1.0908	1.5858
126	345.0	3.566	.2805	315.7	1192.1	876.4	793.7	1108.9	.4958	1.0894	1.5852
127	345.6	3.539	.2826	316.3	1192.3	875.9	793.2	1109.0	.4966	1.0879	1.5845
128	346.2	3.513	.2847	316.9	1192.4	875.4	792.6	1109.1	-4974	1.0865	1.5838
129	346.8	3.487	.2868	317.6	1192.5	874.9	792.1	1109.2	.4981	1.0851	1.5832
130	347-4	3.461	0.2889	318.2	1192.6	874.4	791.6	1109.3	0.4989	1.0836	1.5825
131	347.9	3.436	.2910	318.8	1192.7	873.9	791.0	1109.4	.4996	1.0822	1.5819
132	348.5	3.412	.2931	319.4	1192.9	873.5	790.5	1109.5	.5004	1.0808	1.5812
133	349.1	3.387	.2952	320.0	1193.0	873.0	790.0	1109.5	.5011	1.0795	1.5806
134	349.7	3.363	.2973	320.6	1193.1	872.5	789.5	1109.6	.5019	1.0781	1.5800
135	350.3	3.340	0.2994	321.2	1193.2	872.0	789.0	1109.7	0.5026	1.0767	1.5793
136	350.8	3.316	.3016	321.8	1193.3	871.5	788.5	1109.8	.5033	1.0754	1.5787
137	351.4	3.293	.3037	322.4	1193.4	871.0	788.0	1109.9	.5041	1.0740	1.5781
138	352.0	3.270	.3058	323.0	1193.5	870.5	787.4	1110.0	.5048	1.0727	1.5775
139	352.5	3.248	.3079	323.6	1193.6	870.1	786.9	1110.0	-5055	1.0714	1.5769
140	353.1	3.226	0.3100	324.2	1193.7	869.6	786.4	1110.1	0.5062	1.0700	1.5762
141	353.6	3.204	.3121	324.7	1193.8	869.1	785.9	1110.2	.5069	1.0687	1.5756
142	354.2	3.182	.3142	325.3	1193.9	868.6	785.4	1110.3	.5076	1.0674	1.5750
143	354.8	3.161	.3163	325.9	1194.0	868.2	785.0	1110.3	.5083	1.0661	1.5744
144	355.3	3.140	.3184	326.5	1194.1	867.7	784.5	1110.4	.5090	1.0648	1.5738
145	355.8	3.120	0.3206	327.0	1194.2	867.2	784.0	1110.5	0.5097	1.0636	1.5733
146	356.3	3.099	.3227	327.6	1194.3	866.8	783.5	1110.6	.5104	1.0623	1.5727
147	356.9	3.079	.3248	328.2	1194.4	866.3	783.0	1110.6	.5111	1.0610	1.5721
148	357.4	3.059	.3269	328.7	1194.5	865.8	782.5	1110.7	.5117	1.0598	1.5715
149	357.9	3.039	.3290	329.3	1194.6	865.4	782.0	1110.8	.5124	1.0585	1.5709
150	358.5	3.020	0.3311	329.8	1194.7	864.9	781.6	1110.9	0.5131	1.0573	1.5704
151	359.0	3.001	-3332	330.4	1194.8	864.5	781.1	1110.9	.5138	1.0561	1.5698
152	359.5	2.982	·3353	330.9	1194.9	864.0	780.6	1111.0	.5144	1.0548	1.5692
153	360.0	2.963	-3375	331.5	1195.0	863.6	780.1	1111.1	.5151	1.0536	1.5687
154	360.5	2.945	.3396	332.0	1195.1	863.1	779.7	1111.1	.5157	1.0524	1.5681
155	361.1	2.927	0.3417	332.5	1195.2	862.7	779.2	1111.2	0.5164	1.0512	1.5676
156	361.6	2.909	.3438	333.I	1195.3	862.3	778.7	1111.3	.5170	1.0500	1.5670
157	362.1	2.892	.3459	333.6	1195.4	861.8	778.3	1111.3	.5177	1.0488	1.5665
158	362.6	2.874	.3480	334.1	1195.5	861.4	777.8	1111.4	.5183	1.0476	1.5659
159	363.1	2.857	.3501	334.7	1195.6	860.9	777-3	1111.5	.5190	1.0464	1.5654
160	363.6	2.839	0.3522	335.2	1195.7	860.5	776.9	1111.5	0.5196	1.0453	1.5649
161	364.1	2.822	.3543	335.7	1195.8	860.0	776.4	1111.6	.5202	1.0441	1.5643
162	364.6	2.806	.3564	336.2	1195.8	859.6	776.0	1111.7	.5209	1.0429	1.5638
163	365.1	2.789	-3585	336.8	1195.9	859.2	775.5	1111.7	.5215	1.0418	1.5633
164	365.6	2.773	.3606	337.3	1196.0	858.7	775.1	1111.8	.5221	1.0406	1.5627
165	366.1	2.757	0.3627	337.8	1196.1	858.3	774.6	1111.8	0.5227	1.0395	1.5622
166	366.5	2.741	.3648	338.3	1196.2	857.9	774.2	1111.9	.5233	1.0384	1.5617
167	367.0	2.725	.3670	338.8	1196.2	857.4	773.7	1112.0	.5239	1.0373	1.5612
168	367.5	2.710	.3691	339.3	1196.3	857.0	773.3	1112.0	-5245	1.0361	1.5607
169	368.0	2.694	.3712	339.8	1196.4	856.6	772.8	1112.1	.5252	1.0350	1.5602
170	368.5	2.679	0.3733	340.3	1196.5	856.2	772.4	1112.1	0.5258	1.0339	1.5597
171	369.0	2.664	-3754	340.8	1196.6	855.7	771.9	1112.2	.5264	1.0328	1.5592
172	369.4	2.649	·3775	341.3	1196.6	855-3	771.5	1112.2	.5270	1.0317	1.5587
173	369.9	2.634	.3796	341.8	1196.7	854.9	771.1	1112.3	.5275	1.0306	1.5582
174	370.4	2.620	.3817	342.3	1196.8	854.5	770.6	1112.4	.5281	1.0295	1.5577
175	370.8	2.605	0.3838	342.8	1196.9	854.1	770.2	1112.4	0.5287	1.0284	1.5572
176	371.3	2.591	.3859	343.3	1196.9	853.6	769.8	1112.5	.5293	1.0274	1.5567
177	371.8	2.577	.3880	343.8	1197.0	853.2	769.3	1112.5	.5299	1.0263	1.5562
178	372.2	2.563	.3901	344.3	1197.1	852.8	768.9	1112.6	.5305	1.0252	1.5557
179	372.7	2.550	.3922	344.8	1197.2	852.4	768.5	1112.6	.5310	1.0242	1.5552
-				,							

-				Hook on	mtomt in	Tatant	heat in				- 33
Pres- sure,	Temp.,	Volume, cu. ft.	Weight, lb. per	B	ntent in	B.t		Energy	1,7	Entropy	
lb. per sq. in.	F.	per 1b.	cu. ft.	of liquid	of vapor	of vapor- ization	Internal	B.t.u.	of liquid	of vapor- ization	of vapor
p	t	٧"	1/7"	i'	i*	r	ρ	u"	s'	r/T	s"
180	373.I	2.536	0.3943	345.2	1197.2	852.0	768.0	1112.7	0.5316	1.0231	1.5547
181	373.6	2.523	.3964	345.7	1197.3	851.6	767.6	1112.7	.5322	1.0221	1.5542
182	374.0	2.509	.3985	346.2	1197.4	851.2	767.2	1112.8	.5328	1.0210	1.5538
184	374.9	2.483	.4027	347.I	1197.5	850.4	766.4	1112.9	.5339	1.0189	1.5528
185	375.4	2.470	0.4048	347.6	1197.6	849.9	765.9	1112.9	0.5344	1.0179	1.5523
186	375.8	2.457	.4069	348.1	1197.6	849.5	765.5	1113.0	.5350	1.0169	1.5519
187	376.3	2.445	.4090	348.6	1197.7	849.1	765.1	1113.0	.5356	1.0159	1.5514
188	376.7	2.432	.4111	349.0	1197.8	848.7	764.7	1113.1	.5361	1.0148	1.5509
189	377.1	2.420	.4132	349.5	1197.8	848.3	764.3	1113.1	.5367	1.0138	1.5505
190	377.6	2.408	0.4154	350.0	1197.9	847.9	763.9	1113.2	0.5372	1.0128	1.5500
191	378.0 378.5	2.395	.4175	350.4	1197.9	847.5 847.1	763.4	1113.2	.5378	1.0118	1.5496
193	378.9	2.372	.4217	351.3	1198.1	846.7	762.6	1113.3	.5388	1.0099	1.5487
194	379.3	2.360	.4238	351.8	1198.1	846.3	762.2	1113.3	.5394	1.0089	1.5482
195	379.7	2.348	0.4259	352.2	1198.2	846.0	761.8	1113.4	0.5399	1.0079	1.5478
196	380.2	2.337	.4280	352.7	1198.2	845.6	761.4	1113.4	.5404	1.0069	1.5473
197	380.6	2.325	.4301	353.1	1198.3	845.2	761.0	1113.5	.5410	1.0059	1.5469
198	381.0	2.314	.4322	353.6	1198.4	844.8	760.6 760.2	1113.5	.5415	1.0049	1.5464
		2.303		3340			700.2			1.0040	
200	381.9	2.292	0.4364	354.5	1198.5	844.0	759.8	1113.6	0.5426	1.0030	1.5456
201	382.3	2.281	.4385	354.9	1198.5	843.6	759.4	1113.6	.5431	1.0020	1.5451
203	383.1	2.259	.4427	355·4 355.8	1198.6	842.9	759.0 758.6	1113.7	.5441	1.0001	1.5443
204	383.5	2.248	.4448	356.2	1198.7	842.5	758.2	1113.8	.5446	0.9992	1.5438
205	383.9	2.238	0.4469	356.7	1198.7	842.1	757.8	1113.8	0.5451	0.9983	1.5434
206	384.4	2.227	.4490	357.1	1198.8	841.7	757-4	1113.8	-5457	.9973	1.5430
207	384.8	2.217	.4511	357.5	1198.8	841.3	757.0	1113.9	.5462	.9964	1.5425
208	385.2 385.6	2.206	.4532	358.0 358.4	1198.9	840.9	756.7	1113.9	.5467	-9954	1.5421
			·4553	330.4	1190.9	040.0	750.3	1114.0	.5472	•9945	1.541/
210	386.0	2.186	0.457	358.8	1199.0	840.2	755.9	1114.0	0.5477	0.9936	1.5413
211 212	386.4	2.176	.460 .462	359.3	1199.0	839.8	755-5	1114.0	.5482	.9927	1.5409
213	387.2	2.156	.464	359·7 360.1	1199.1	839.0	755.I 754.7	1114.1	.5492	.9909	1.5400
214	387.6	2.147	.466	360.5	1199.2	838.7	754.3	1114.2	•5497	.9900	1.5396
215	388.0	2.137	0.468	361.0	1199.2	838.3	754.0	1114.2	0.5502	0.9890	1.5392
216	388.4	2.128	.470	361.4	1199.3	837.9	753.6	1114.2	.5507	.9881	1.5388
217	388.8	2.118	.472	361.8	1199.3	837.6	753-2	1114.2	.5511	.9872	1.5384
218	389.2 389.6	2.109	.474	362.2 362.6	1199.4	837.2	752.8	1114.3	.5516	.9864	1.5380
	309.0	2.099	.476	302.0	1199.4		752.4	1114.3	.5521		1.53/0
220	390.0	2.090	0.478	363.0	1199.5	836.5	752.1	1114.3	0.5526	0.9846	1.5372
22I 222	390.3	2.081	.481	363.4	1199.5	836.1	751.7	1114.4	.5531	.9837	1.5368
223	390.7	2.063	.485	364.3	1199.6	835.7	750.9	1114.4	.5536	.9820	1.5360
224	391.5	2.054	.487	364.7	1199.7	835.0	750.6	1114.5	.5545	.9811	1.5356
225	391.9	2.045	0.489	365.1	1199.7	834.6	750.2	1114.5	0.5550	0.9802	1.5352
226	392.3	2.036	.491	365.5	1199.7	834.3	749.8	1114.5	-5555	-9794	1.5348
, 227	392.7	2.028	.493	365.9	1199.8	833.9	749.4	1114.6	-5559	.9785	1.5344
228	393.0	2.019	·495	366.3	1199.8	833.6	749.1	1114.6	.5564	•9777	1.5341
	393.4	2.011	-497	366.7	1199.9	833.2	748.7	1114.6	.5569	.9768	1.5337
230	393.8	2.002	0.499	367.1	1199.9	832.8	748.3	1114.6	0.5573	0.9760	1.5333
231 232	394.2	1.994	.502	367.5	1199.9	832.5 832.1	748.0	1114.7	.5578	.9751	1.5329
233	394.9	1.977	.506	368.3	1200.0	831.7	747.2	1114.7	.5587	•9734	1.5321
234	395.3	1.969	.508	368.7	1200.1	831.4	746.9	1114.8	-5592	.9726	1.5318
	1	1	1	1	1	1	1		I		1

Pres- sure,	Temp.,	Volume,	Weight,		ntent in		heat in	Energy		Entropy	
lb. per sq. in.	° F.	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of vapor- ization	Internal	B.t.u.	of liquid	of vapor- ization	of vapor
р	t	٧"	1/▼"	i'	i"	r	ρ	u"	s'	r/T	s"
235	395.6	1.961	0.510	369.1	I 200.I	831.0	746.5	1114.8	0.5597	0.9717	1.5314
236	396.0	1.953	.512	369.5	I 200.I	830.7	746.2	1114.8	.5601	.9709	1.5310
237	396.4	1.945	.514	369.9	1200.2	830.3	745.8	1114.8	.5606	.9701	1.5306
238	396.8	1.937	.516	370.3	1200.2	830.0	745.4 745.1	1114.9	.5610	.9692	1.5302
239	397.1			370.0	1200.2		743.4	1114.9			1.5299
240	397.5	1.921	0.521	371.0	1200.3	829.3	744.7	1114.9	0.5619	0.9676	1.5295
241	397.9	1.913	.523	371.4	1200.3	828.9	744.4	1114.9	.5624	.9668	1.5291
242 243	398.6	1.898	·525 ·527	371.8	1200.4	828.2	744.0 743.6	1115.0	.5633	.9651	1.5284
244	398.9	1.890	.529	372.6	1200.4	827.8	743.3	1115.0	.5637	.9643	1.5280
245	200.2	1.883	0.537	272.0	T 200 F	807.5	7400	*****	0 =647	0.0625	
246	399·3 399·7	1.876	0.531 ·533	373.0	1200.5	827.5	742.9	1115.1	0.5641	0.9635	1.5276
247	400.0	1.868	.535	373.7	1200.5	826.8	742.2	1115.1	.5650	.9619	1.5269
248	400.4	1.861	.537	374.1	1200.6	826.5	741.9	1115.1	.5655	.9611	1.5266
249	400.7	1.854	.540	374.5	1200.6	826.1	741.5	1115.1	.5659	.9603	1.5262
250	401.1	1.846	0.542	374.9	1200.6	825.8	741.2	1115.2	0.5663	0.9595	1.5258
251	401.4	1.839	.544	375.2	1200.7	825.5	740.8	1115.2	.5668	.9587	1.5255
252	401.8	1.832	.546	375.6	1200.7	825.1	740.5	1115.2	.5672	-9579	1.5251
253	402.1	1.825	.548	376.0	1200.7	824.8	740.1	1115.2	.5676	.9572	1.5248
254	402.5	1.818	.550	376.4	1200.8	824.4	739.8	1115.3	.5680	.9564	1.5244
255	402.9	1.811	0.552	376.7	1200.8	824.1	739.5	1115.3	0.5685	0.9556	1.5241
256	403.2	1.804	-554	377.I	1200.8	823.7	739.1	1115.3	.5689	.9548	1.5237
257	403.5	1.798	.556	377.5	1200.9	823.4	738.8	1115.3	.5693	.9540	1.5233
258	403.9	1.791	.558	377.8	1200.9	823.1	738.4	1115.3	.5697	.9533	1.5230
259	404.2	1.784	.561	378.2	1200.9	822.7	738.1	1115.4	.5702	.9525	1.5227
260	404.5	1.777	0.563	378.6	1201.0	822.4	737.7	1115.4	0.5706	0.9517	1.5223
261	404.9	1.771	.565	378.9	1201.0	822.1	737.4	1115.4	.5710	.9510	1.5220
262	405.2	1.764	.567	379.3	1201.0	821.7	737.1	1115.4	.5714	.9502	1.5216
263 264	405.6	1.758	.569 .571	379·7 380.0	1201.0	821.4	736.7 736.4	1115.5	.5718	.9494	1.5213
265	406.2	7 545	0.572	280.4	T 207 T	800 5	726.0	*****	0 5707	0.0470	T 5006
266	406.6	1.745	○.573 ·575	380.4	1201.1	820.7	736.0 735.7	1115.5	0.5727 .5731	0.9479	1.5206
267	406.9	1.732	.577	381.1	1201.1	820.0	735.4	1115.5	.5735	.9464	1.5199
268	407.2	1.726	.580	381.5	1201.2	819.7	735.0	1115.6	.5739	.9457	1.5196
269	407.6	1.720	.582	381.8	1201.2	819.4	734.7	1115.6	.5743	-9449	1.5192
270	407.9	1.713	0.584	382.2	1201.2	819.1	734-4	1115.6	0.5747	0.9442	1.5189
271	408.2	1.707	.586	382.5	1201.3	818.7	734.0	1115.6	.5751	.9434	1.5185
272	408.6	1.701	.588	382.9	1201.3	818.4	733.7	1115.6	.5755	.9427	1.5182
273	408.9	1.695	.590	383.2	1201.3	818.1	733.4	1115.7	·5759	.9420	1.5179
274	409.2		.592	383.6	1201.3	817.7	733.0	1115.7	.5763	.9412	1.5175
275	409.6	1.683	0.594	383.9	1201.4	817.4	732.7	1115.7	0.5767	0.9405	1.5172
276	409.9	1.677	.596	384.3	1201.4	817.1	732.4	1115.7	-5771	.9398	1.5169
277	410.2	1.671	.598	384.6	1201.4	816.8	732.1	1115.7	-5775	.9390	1.5165
278	410.5	1.665	.601 .603	385.0	1201.4	816.4 816.1	731.7	1115.7	·5779 ·5783	.9383	1.5162
		. 6									
280 281	411.2	1.654	0.605	385.7 386.0	1201.5	815.8	731.1	1115.8	0.5787	0.9369	1.5156
282	411.8	1.648	.607	386.4	1201.5	815.5	730.7	1115.8	.5791 .5795	.9361	1.5152
283	411.0	1.637	.611	386.7	1201.5	814.8	730.4	1115.8	·5795 ·5799	·9354 ·9347	1.5149
284	412.5	1.631	.613	387.1	1201.6	814.5	729.8	1115.8	.5803	.9340	1.5143
285	412.8	1.625	0.615	387.4	1201.6	814.2	729.5	1115.8	0.5806	0.9333	1.5139
286	413.1	1.620	.617	387.7	1201.6	813.9	729.1	1115.0	.5810	.9333	1.5136
287	413.4	1.614	.620	388.I	1201.6	813.5	728.8	1115.9	.5814	.9319	1.5133
288	413.7	1.609	.622	388.4	1201.6	813.2	728.5	1115.9	.5818	.9312	1.5130
289	414.1	1.603	.624	388.8	1201.7	812.9	728.2	1115.9	.5822	.9305	1.5127

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Pres- sure,	Temp.,	Volume,	Weight,		ontent in t.u.	Latent B.	heat in	Energy		Entropy	
lb. per sq. in.	°F.	cu. ft. per lb.	lb per cu. ft.	of liquid	of vapor	of vapor- ization	Internal	in B.t.u.	of liquid	of vapor- ization	of vapor
р	t	٧"	I/A.	i'	i"	r	ρ	u"	s'	r/T	s"
290	414.4	1.598	0.626	389.1	1201.7	812.6	727.9	1115.9	0.5826	0.9298	1.5123
291	414.7	1.592	.628	389.4	1201.7	812.3	727.5	1115.9	.5829	.9291	1.5120
292	415.0	1.587	.630	389.8	1201.7	811.9	727.2	1115.9	.5833	.9284	1.5117
293	415.3	1.582	.632	390.1	1201.7	811.6	726.9	1116.0	.5837	.9277	1.5114
294	415.6	1.576	.634	390.5	1201.8	811.3	726.6	1116.0	.5841	.9270	1.5111
295	415.9	1.571	0.636	390.8	1201.8	811.0	726.3	1116.0	0.5845	0.9263	1.5108
296	416.2	1.566	.638	391.1	1201.8	810.7	725.9	1116.0	.5848	.9256	1.5105
297	416.5	1.561	.641	391.4	1201.8	810.4	725.6	1116.0	.5852 .5856	.9249	1.5102
298 299	417.2	1.556	.643 .645	392.1	1201.0	809.8	725.3	1116.0	.5860	.9243	1.5095
1			4								
300	417.5	1.545	0.647	392.4	1201.9	809.4	724.7	1116.0	0.5863	0.9229	1.5092
305	419.0	1.520	.658 .668	394.I 395.7	1202.0	806.4	723.1	1116.1	.5900	.9195	1.5077
315	421.0	1.473	.679	397.3	1202.1	804.8	720.I	1116.2	.5918	.9129	1.5047
320	423.4	1.450	.690	398.9	1202.2	803.3	718.5	1116.3	.5935	.9097	1.5032
325	424.9	1.428	0.700	400.4	1202.2	801.8	717.0	1116.3	0.5953	0.9065	1.5018
330	426.3	1.407	.711	402.0	1202.3	800.3	715.6	1116.3	.5970	.9034	1.5004
335	427.7	1.386	.721	403.5	1202.3	798.9	714.1	1116.4	.5987	.9003	1.4990
340	429.1	1.366	.732	405.0	1202.4	797.4	7,12.6	1116.4	.6004	.8972	1.4976
345	430.5	1.346	.743	406.5	1202.4	795.9	711.2	1116.4	.6020	.8942	1.4962
350	431.9	1.327	0.753	408.0	1202.5	794.5	709.7	1116.4	0.6036	0.8912	1.4949
355	433.2	1.309	.764	409.4	1202.5	793.I	708.3	1116.5	.6052	.8883	1.4935
360	434.6	1.291	.775	410.9	1202.5	791.6	706.9	1116.5	.6068	.8854	1.4922
365 370	435.9	1.273	.785 .796	412.3	1202.5	790.2	705.5	1116.5	.6084	.8825	1.4909
	43/.2	1.230	.790	4-3.7	1202.0	1	704.1	1110.5	.0100		
375	438.5	1.239	0.807	415.1	1202.6	787.5	702.7	1116.5	0.6115	0.8768	1.4884
380	439.8	1.223	.817	416.5	1202.6	786.1	701.4	1116.5	.6130	.8741	1.4871
385	441.0	1.207	.839	417.9	1202.6	784.7	700.0	1116.5	.6161	.8713	1.4847
395	443.5	1.177	.850	420.6	1202.6	781.9	697.3	1116.5	.6175	.8659	1.4834
400	444.8	1.162	0.860	422.0	T000 5	780.6	60=0	1116.5	0.6190	0.8631	1.4821
410	444.3	1.134	.882	424.6	1202.5	777.9	695.9	1116.4	.6219	.8578	1.4797
420	449.6	1.107	.903	427.2	1202.4	775.2	690.7	1116.3	.6247	.8526	1.4773
430	451.9	1.081	.925	429.8	1202.4	772.6	688.1	1116.3	.6275	.8476	1.4750
440	454.2	1.056	.947	432.3	1202.3	770.0	685.6	1116.2	.6302	.8426	1.4728
450	456.5	1.033	0.968	434.8	1202.2	767.4	683.I	1116.2	0.6329	0.8377	1.4706
460	458.7	1.010	0.990	437.2	1202.1	764.9	680.6	1116.1	.6355	.8330	1.4685
470	460.9	0.988	1.012	439.6	1202.0	762.4	678.1	1116.0	.6381	.8283	1.4664
480 490	463.1 465.2	.968	1.033	444.3	1201.9	759.9	675.6	1115.9	.6406	.8237	1.4643
- Carrie											
500	467.2	0.928	1.077	446.6	1201.7	755.0	670.9	1115.7	0.6455	0.8146	1.4601
520 540	471.3	.892	1.121	451.I 455.5	1201.3	750.2	666.2	1115.4	.6503	.8059	1.4562
560	475·3 479.I	.827	1.210	459.8	1201.0	745.5	657.2	1114.8	.6594	.7893	1.4487
580	482.8	.798	1.254	463.9	1200.2	736.3	652.8	1114.6	.6637	.7813	1.4450
600	486.5	0.770	1.30	468.0	1199.8	731.8	648.5	1114.3	0.6679	0.7735	1.4414
650	495.2	.708	1.41	477:8	1198.7	720.9	638.0	1113.4	.6780	.7550	1.4330
700	503.4	.656	1.52	487.1	1197.4	710.3	627.9	1112.3	.6874	.7376	1.4250
750	511.1	.610	1.64	495.9	1195.9	700.0	618.2	IIII.2	.6963	.7212	1.4175
800	518.5	.570	1.76	504.3	1194.4	690.1	608.8	1110.0	.7048	.7056	1.4104
850	525.5	0.534	1.87	512.5	1192.8	680.4	599-7	1108.8	0.7128	0.6907	1.4035
900	532.3	.502	1.99	520.3	1191.1	670.8	590.8	1107.5	.7205	.6764	1.3969
1000	544.9 556.6	.447	2.24	535.2	1187.6	652.4	573.6	1104.7	.7349	.6496	1.3845
1200	567.7	.403	2.74	549.1	1179.7	617.6	557.3	1098.8	.7482	.6015	1.3622
	3.7.7	.304	- / -	3,	,5.1	1.5	342.0	1 30.0	1,007	1.023	
		-		,				,	•		

TABLE 2
PROPERTIES OF SATURATED STEAM
TEMPERATURES

Temp	Pres	sure	Volume,	Weight,	Heat c	ontent 3.t.u.	Laten in B	t heat	Energy		Entropy	7,3
Temp., ° F.	Lb. per sq. in.	In. of mercury	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of vapor- ization	Inter- nal	B.t.u.	of liquid	of vapor- ization	of vapor
t	р		v "	I/V"	i'ag	i"	r	ρ	u"	s'	r/T	s"
32	0.0887	0.1806	3296 3173	0.000304	0.0	1073.0	1073.0	1018.9	1018.9	0.0	2.1826	2.1826
33 34	.0961	.1957	3054	.000327		1074.0	1072.0					
35	0.1000	0.2036	2941	0.000340		1074.4	1071.4			0.0062		, ,
36	.1041	.2119		.000353		1074.9		1016.3	1020.3	.0082		
37 38	.1126	.2204		.000381		1075.4		1015.0		.0102	00.	
39	.1171	.2384		.000395		1076.3		1014.4	1021.4	.0143		
40	0.1217	0.2478		0.000410		1076.8		1013.7		0.0163		000
41 42	.1315	.2576		.000425		1077.4		1013.1		.0183		2.1522
43	.1367	.2783	-	.000457		1078.2		1011.8				
44	.1420	.2891		.000474		1078.7	1066.6	1011.2			-	
45	0.1475	0.3003	2034	0.000492	13.07	1079.2	1066.1	1010.5	1023.6	0.0262	2.1128	2.1390
46	.1532	.3120		.000510		1079.6		1009.9			2.1076	2.1358
47	.1591	.3240	0	.000528		1080.1		1009.3			2.1024	
48	.1652			.000547		1080.6		1008.6			2.0972	
49	.1715	.3492	1703	.000567					,			
50	0.1780			0.000588		1081.5		1007.3		0.0361		
51	.1848	1 0,		.000609		1082.0		1006.7		.0381		2.1198
52	.1918			.000631		1082.9		1005.4		.0400		
53 54	.2063			.000676		1083.4		1004.8				
55	0.2140	0.4356	1430	0.000699				1004.1		0.0459		
56	.2219			.000724		1084.4		1003.5		.0478		
57	.2300			.000749		1084.8		1002.9				
58 59	.2384			.000775		1085.8	1058.7				2.0414	
60	0.2561	0.5214	1206	0.000829	28.08	1086.2	1058.1	1000.9	1029.0	0.0566	2.0365	2.0920
61	.2654			.000858	29.08			1000.3		0.0		2.0890
62	.2749			.000887		1087.2	1057.1	999.7				
63 64	.2848			.000917			1056.5	999.0			2.0217	
65	0.3054	0.6218	1021	0.000979	33.08	1088.6	1055.5	997.7	1030.8	0.0652	2.0120	2.0771
66	.3162			.001012		1089.0	1054.9	997.1				2.0742
67	.3273	.6664	956	.001046	35.08	1089.5	1054.4	996.4	1031.5	.0690		2.0712
68	.3388			.001080	1		000					
69	.3506			.001116	0			995.1				2.0654
70	0.3628			0.001153	38.07	1090.9				0.0746	1.9879	2.0625
71	-3754			.001190		1091.3			1032.9		1.9831	
72	.3883			.001229		1091.8			1033.3		1.9784	
73 74	.4153			.001209		1092.3			1033.0	.0821	1.9690	2.0511
75	0.4295	0.8744	740	0.001352	43.06	1093.2	1050.1	991.3	1034.4	0.0840	1.9643	2.0483
76	.4440			.001395	44.06	1093.6			1034.7		1.9596	
77	-4590			.001439		1094.1			1035.1		1.9550	
78	·4744 ·4903			.001485		1094.6			1035.4		1.9503	
79	1 .4903	.9981	053	.001532	47.00	1095.0	1040.0	900.7	1033.0	.0914	1.9457	2.03/1

_												
Temp.,	Pres	sure	Volume,	Weight, 1b. per	Heat or	ontent i.t.u.	Laten in B		Energy		Entropy	
° F.	Lb. per sq. in.	In. of mercury	per lb.	cu. ft.	of liquid	of vapor	of vapor- ization	Inter- nal	B.t.u.	of liquid	of vapor- ization	of vapor
t	р	_	v"	I/V"	i'	i"	r	ρ	u"	s'	r/T	8"
80	0.507	1.031	632.9	0.001580	48.05	1095.5	1047.4	988.a	1036.1	0.0933	1.0411	2.0344
81	.523	1.066	613.7	.001629	49.05		1046.9	987.4	1036.5		1.9365	2.0316
82	.541	1.101	595.2	.001680	50.05	1096.4		986.8	1036.8		1.9319	2.0289
83	.558	1.137	577.4	.001732	51.05	1096.9		986.1	1037.2		1.9274	2.0262
84	.577	1.174	560.0	.001786	52.04	1097.3		985.5	1037.5		1.9274	2.0235
85		1.212	542.2	0.001841	52.04	T007 8	1044.7	984.8	1027.0		- 0-9-	
86	0.596		543.3	.001897	53.04		1044.7		1037.9	0.1025		2.0208
	.615	1.251	527.2		54.04			984.2			1.9138	2.0181
87	.635	1.292	511.6	.001955	55.04		1043.6	983.5	1038.6		1.9093	2.0155
88	.655	1.334	496.6	.002014	56.03		1043.1	982.9	1038.9		1.9048	2.0128
89	.676	1.377	482.0	.002075	57.03	1099.6	1042.6	982.2	1039.3	.1098	1.9004	2.0102
90	0.698	1.421	467.9	0.002137	58.03		1042.0	981.6	1039.6	0.1116	1.8959	2.0075
91	.720	1.466	454.3	.002201	59.03	1100.5	1041.5	980.9	1040.0	.1134	1.8915	2.0049
92	.743	1.512	441.2	.002267	60.02	1101.0	1041.0	980.3	1040.3	.1152	1.8871	2.0023
93	.766	1.560	428.4	.002334	61.02	1101.4	1040.4	979.6	1040.7	.1170	1.8827	1.9997
94	.790	1.609	416.1	.002403	62.02	1101.9	1039.9	979.0	1041.0		1.8783	1.9972
95	0.815	1.659	404.2	0.002474	63.01	1102.2	1039.3	978.3	1041.3	0.1206	1.8740	1.9946
96	.840	1.710	392.7	.002547	64.01		1038.8	977.7	1041.7		1.8696	1.9920
97	.866	1.763	381.6	.002621	65.01		1038.2	977.0	1042.0		1.8653	1.9895
98	.893	1.818	370.8	.002697	66.01		1037.7	976.4	1042.4		1.8610	1.9870
-					67.00						1.8566	1.9844
99	.920	1.874	360.4	.002775	07.00	1104.1	1037.1	975.7	1042.7			1.9044
100	0.949	1.931	350.3	0.002855	68.00	1104.6	1036.6	975.1	1043.1	0.1296		1.9819
IOI	0.978	1.990	340.5	.002937	69.00	1105.0	1036.0	974.4	1043.4	.1313	1.8481	1.9794
102	1.008	2.051	331.1	.003021	69.99	1105.5	1035.5	973.8	1043.8	.1331	1.8438	1.9769
103	1.038	2.113	321.9	.003107	70.99		1034.9	973.1	1044.1	.1349	1.8396	1.9745
104	1.069	2.176	313.0	.003195	71.99		1034.4	972.4	1044.4	.1367	1.8353	1.9720
105	1.101	2.241	204.4	0.003285	72.98	**************************************	1033.9	971.8	1044.8	0.1384	т 82тт	1.9695
106	1.134		304.4 296.1						1044.8		1.8269	1.9671
	1.168	2.308	288.1	.003377	73.99		1033.3	971.1			1.8227	1.9647
107	,	2.377		.003472	74.98		1032.8	970.5	1045.5			
108	1.202	2.448	280.3	.003568	75.97		1032.2	969.8	1045.8		1.8185	1.9623
109	1.238	2.520	272.7	.003667	76.97	1108.6	1031.7	969.2	1046.2	.1455	1.8144	1.9599
110	1.274	2.594	265.4	0.003769	77.97	1100.1	1031.1	968.5	1046.5	0.1472	1.8102	1.9575
III	1.311	2.670	258.2	.003873	78.96		1030.6	967.9	1046.8		1.8061	1.9551
112	1.350	2.748	251.3	.003979	79.96		1030.0	967.2	1047.2		1.8020	1.9527
113	1.389	2.827	244.7	.004087	80.96		1029.5	966.5	1047.5		1.7979	1.9503
114	1.429	2.909	238.2	.004198	81.96		1028.9	965.9	1047.9		1.7938	1.9480
115					0	1					F #00F	× 0 - = 6
115	1.470	2.993	231.9	0.004312	82.95		1028.4	965.2	1048.2	0.1560		1.9456
116	1.512	3.079	225.8	.004428	83.95		1027.8	964.6	1048.5		1.7856	1.9433
117	1.555	3.167	219.9	.004547	84.95		1027.3	963.9	1048.9		1.7815	1.9409
118	1.600	3.257	214.2	.004669	85.94		1026.7	963.3	1049.2		1.7775	1.9386
119	1.645	3.349	208.6	.004793	86.94	1113.1	1026.1	962.6	1049.5	.1629	1.7735	1.9363
120	1.692	3.444	203.2	0.00492	87.94	1112 5	1025.6	967.0	1049.9	0.1646	1.760=	1.9341
121	1.739	3.541	198.0	.00505	88.93		1025.0	961.3	1049.9		1.7655	1.9318
122	1.788	3.640	193.0	.00505			1025.0	960.6	1050.5		1.7615	1.9310
123	1.838		188.0		89.93		1024.5				1.7575	1.9293
		3.741		.00532	90.93		00	959.9	1050.9			
124	1.889	3.845	183.2	.00546	91.93	1115.3	1023.4	959.3	1051.2	.1715	1.7535	1.9250
125	1.941	3.952	178.6	0.00560	92.92		1022.8	958.6			1.7496	1.9227
126	1.995	4.061	174.1	.00574	93.92		1022.2	957.9	1051.9		1.7456	1.9205
127	2.049	4.172	169.7	.00589	94.92	1116.6	1021.7	957.3	1052.2	.1766	1.7417	1.9183
128	2.105	4.286	165.5	.00604	95.92		1021.1	956.6	1052.5	.1783	1.7378	1.9161
129	2.163	4.403	161.3	.00620	96.91		1020.6		1052.9		1.7339	1.9139
130	2.221	4.523	157.3	0.00636	97.91	1117.0	1020.0	055.2	1053.2	0 1817	1.7300	1.9117
131	2.281	4.645		.00652	98.91		1019.5	955.3			1.7261	1.9095
132			153.4	.00668				954.6				
	2.343	4.770	149.7		99.91		1018.9		1053.9		1.7223	1.9073
133	2.406	4.898	146.0	.00685	100.91		1018.3	953.3	1054.2	00	1.7184	1.9051
134	2.470	5.029	142.4	.00702	101.90	1119.7	1017.8	952.6	1054.5	.1884	1.7146	1.9030
		1	1	§			1		1			

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Temp.,		sure	Volume,	Weight, 1b. per	Heat c	ontent .t.u.	Laten in B	t heat .t.u.	Energy		Entropy	
°F.	Lb. per sq. in.	In. of mercury	per lb.	cu. ft.	of liquid	of vapor	of vapor- ization	Inter- nal	B.t.u.	of liquid	of vapor- ization	of vapor
t	р	_	٧"	I/V"	i'	i"	r	ρ	u"	s'	r/T	s"
135	2.536	5.16	138.9	0.00720	102.90	1120.1	1017.2	952.0	1054.9	0.1901	1.7107	1.9008
					_		1016.6					
136	2.603	5.30	135.6	.00738	103.90	_		951.3	1055.2	.1918	1.7069	1.8987
137	2.672	5.44	132.3	.00756	104.90		1016.1	950.6	1055.5	.1935	1.7031	1.8966
138	2.742	5.58	129.1	.00775	105.90		1015.5	950.0	1055.9	.1951	1.6993	1.8944
139	2.814	5.73	126.0	.00794	106.90	1121.8	1014.9	949-3	1056.2	.1968	1.6955	1.8923
140	2.887	5.88	123.0	0.00813	107.89	1122.3	1014.4	948.6	1056.5	0.1985	1.6918	1.8902
141	2.962	6.03	120.1	.00833		1122.7	1013.8	948.0	1056.8	.2001		1.8881
142	3.039	6.19	117.2	.00853	109.89		1013.3	947.3	1057.2	.2018	1.6842	1.8860
143	3.118	6.35	114.5	.00874	110.89	- 0	1012.7	946.6	1057.5	.2034	1.6805	1.8839
144	3.198	6.51	111.8	.00895	111.89	1124.0	1012.1	945.9	1057.8	.2051	1.6768	1.8819
145	3.280	6.68	109.2	0.00916	112.89		1011.5	945.3	1058.1	0.2067	1.6731	1.8798
146	3.363	6.85	106.6	.00938	113.89		0.1101	944.6	1058.5	.2084		1.8778
147	3.449	7.02	104.1	.00960	114.89		1010.4	943.9	1058.8	.2100	1.6657	1.8757
148	3.536	7.20	101.7	.00983	115.88		1009.8	943.3	1059.1	.2117	1.6620	
149	3.625	7.38	99.4	.01006	116.88	1126.1	1009.3	942.6	1059.5	.2133	1.6583	1.8717
150	3.716	7.57	97.1	0.01030	117.88	1126.6	1008.7	941.9	1059.8	0.2150	1.6547	1.8697
151	3.809	7.76	94.9	.01054	118.88	1127.0	1008.1	941.2	1060.1	.2166	1.6510	1.8676
152	3.904	7.95	92.7	.01079	119.88	1127.4	1007.5	940.6	1060.4	.2182	1.6474	1.8656
153	4.001	8.15	90.6	.01104	120.88	1127.8	1007.0	939.9	1060.7	.2199	1.6438	1.8636
154	4.100	8.35	88.5	.01130	121.88	1128.3	1006.4	939.2	1061.1	.2215	1.6402	1.8617
155	4.201	8.55	86.5	0.01156	122.88	1128.7	1005.8	938.5	1061.4	0.2231	1.6366	1.8597
156	4.305	8.76	84.6	.01182	123.88	1129.1	1005.2	937.8	1061.7	.2248	1.6330	1.8577
157	4.410	8.98	82.7	.01209	124.88	1129.6	1004.7	937.2	1062.0	.2264		1.8558
158	4.518	9.20	80.8	.01237	125.88	1130.0	1004.1		1062.4	.2280	1.6258	1.8538
159	4.627	9.42	79.0	.01265	126.88	1130.4	1003.5	935.8	1062.7	.2296	1.6222	1.8518
160	4.739	9.65	77.30	0.01294	127.88	1130.8	1002.9	935.1	1063.0	0.2312	1.6187	1.8490
161	4.853	9.88	75.59	.01323	128.87	1131.2	1002.4	934.4	1063.3	.2328	1.6151	1.8480
162	4.970	10.12	73.93	.01353	129.87		1001.8	933.8	1063.6	.2344	1.6116	1.8460
163	5.089	10.36	72.31	.01383	130.87		1001.2		1063.9		1.6081	1.844
164	5.210	10.61	70.73	.01414	131.87	1132.5	1000.6	932.4	1064.3	.2376	1.6046	1.842
165	5.334	10.86	69.19	0.01445	132.88	1132.9	1000.0	931.7	1064.6	0.2392	1.6011	1.840
166	5.460	11.12	67.69	.01477	133.88		999.4	931.0	1064.9	.2408	1.5976	1.838
167	5.589	11.38	66.23	.01510	134.88		998.9		1065.2	.2424	1.5941	1.836
168	5.720	11.65	64.81	.01543	135.88		998.3	929.7	1065.5	.2440		1.834
169	5.854	11.92	63.42	.01577	136.88	1134.6		929.0	1065.8		1.5872	1.832
170	5.990	12.20	62.07	0.01611	137.88	1135.0	997.1	928.3	1066.1	0.2472	1.5837	1.830
171	6.13	12.48	60.75	.01646	138.88		996.5		1066.5	1		1.829
172	6.27	12.40	59.46	.01682	139.88			1 2	1066.8		1 0	1.827
173	6.42	13.06	58.20	.01718	140.88	1136.2	995.4	926.2	1067.1			1.825
174	6.56	13.36	56.98	.01718	141.88	1136.2	993.4		1067.4	1 3		1.823
175	6.71	13.67	55.78	0.01793	142.88	1137.1	994.2	924.9	1067.7	0.2552	1.5666	1.821
176	6.87	13.07	54.62		143.89							1.819
177				.01831						.2507	0 0	
	7.02	14.30	53.48	.01870	144.89							1 0 0
178	7.18	14.62	52.37	.01909	145.89					000		
179	7.34	14.95	51.29	.01950	146.89	1138.7	991.8	922.1	1069.0	.2614	1.5531	1.814
180	7.51	15.29	50.24	0.01991	147.89		991.2					
181	7.68	15.63	49.21	.02032	148.89		990.6		1069.6			
182	7.85	15.98	48.20	.02075		1139.9						
183	8.02	16.34	47.22	.02118		1140.3			1070.2			
184.	8.20	16.70	46.26	.02162	151.90	1140.7	988.8	918.6	1070.5	.2693	1.5364	1.805
185	8.38	17.07	45.33	0.02206		1141.1	988.2					
186	8.57	17.44	44.41	.02252	153.90	1141.5	987.6	917.2	1071.1	.2724		
187	8.76	17.82	43.52	.02298	154.91	1141.9			1071.4			1.800
											T F000	1.798
188	8.95	18.21	42.65	.02345	155.91	1142.3	986.4	915.8	1071.7	.2755	1.5232	1.790
	8.95	18.61	41.80	.02345		1142.3						1.796

	Pres	sure	Volume,	Waisht		content		nt heat			Entropy	
Temp., °F.	Lb. per	In. of	cu. ft.	Weight, lb. per cu. ft.	of	of of	of vapor-	Inter-	Energy in B.t.u.	of	of vapor-	
-	sq. in.	Mercury			liquid	vapor	ization	nal		liquid	ization	vapor
t	р	_	▼"	I/V"	i'	i"	r	ρ	u"	s'	r/T	8"
190	9-34	19.01	40.97	0.02441	157.91	1143.1	985.2	914.4	1072.3	0.2786	1.5167	1.7952
191	9.54	19.42	40.16	.02490	158.92	1143.5	984.6	913.7	1072.6	.2801	1.5134	1.7935
192	9.75	19.84	39.37	.02540	159.92	1143.9	984.0	913.0	1072.9	.2816	1.5102	1.7918
193	9.96	20.27	38.60	.02591	160.92	1144.3	983.4	912.3	1073.2	.2832	1.5069	1.7901
194	10.17	20.70	37.84	.02643	161.92	1144.7	982.8	911.6	1073.5	.2847	1.5037	1.7884
195	10.38	21.14	37.10	0.02696	162.93	1145.1	982.2	910.9	1073.8	0.2863	1.5005	1.7867
196	10.60	21.59	36.38	.02749	163.93	1145.5	981.6	910.2	1074.1	.2878	1.4973	1.7850
197	10.83	22.05	35.68	.02803	164.93	1145.9	981.0	909.5	1074.4	.2893	1.4941	1.7834
198	11.06	22.51	34.99	.02859	165.94	1146.3	980.4	908.8	1074.7	.2908	1.4909	1.7817
199	11.29	22.98	34.31	.02915	166.94	1146.7	979.8	908.1	1075.0	.2924	1.4877	1.7800
200	11.53	23.46	33.65	0.02972	167.95	1147.1	979.2	907.4	1075.3	0.2939	1.4845	1.7784
201	11.77	23.95	33.01	.03030	168.95	1147.5	978.6	906.7	1075.6	.2954	1.4813	1.7767
202	12.01	24.45	32.38	.03088	169.95	1147.9	977.9	906.0	1075.9	.2969	1.4782	1.7751
203	12.26	24.96	31.76	.03148	170.96	1148.3	977.3	905.3	1076.2	.2984	1.4750	1.7734
204	12.51	25.48	31.16	.03209	171.96	1148.7	976.7	904.5	1076.5	.3000	1.4718	1.7718
205	12.77	26.00	30.58	0.03271	172.97	1149.1	976.1	903.8	1076.8	0.3015	1.4687	1.7702
206	13.03	26.53	30.00	.03333	173.97	1149.4	975.5	903.1	1077.1	.3030	1.4656	1.7685
207	13.30	27.07	29.44	.03397	174.98	1149.8	974.8	902.4	1077.3	.3045	1.4624	1.7669
208	13.57	27.62	28.89	.03461	175.98	1150.2	974.2	901.7	1077.6	.3060	1.4593	1.7653
209	13.84	28.18	28.35	.03527	176.99	1150.6	973.6	901.0	1077.9	.3075	1.4562	1.7637
210	14.12	28.75	27.83	0.03594	177.99	1151.0	973.0	900.3	1078.2	0.3090	1.4531	1.7621
211	14.41	29.33	27.32	.03661	179.0	1151.4	972.4	899.6	1078.5	.3105	1.4500	1.7605
212	14.70	29.92	26.81	.03730	180.0	1151.7	971.7	898.8	1078.8	.3120	1.4469	1.7589
213	14.99		26.32	.03800	181.0	1152.1	971.1	898.1	1079.1	.3135	1.4438	1.7573
214	15.29		25.84	.03870	182.0	1152.5	970.5	897.4	1079.4	.3150	1.4408	1.7558
215	15.59		25.37	0.03942	183.0	1152.9	969.9	896.7	1079.6	0.3165	1.4377	1.7542
216	15.90		24.91	.04015	184.0	1153.3	969.3	896.0	1079.9	.3179	1.4347	1.7526
217	16.22		24.46	.04089	185.0	1153.6	968.6	895.3	1080.2	.3194	1.4316	1.7510
219	16.54		24.02	.04164	186.0	1154.0	968.0 967.4	894.5 893.8	1080.5	.3209	1.4286	1.7495
			23.30	.04241	8	34.4	907.4	093.0	1000.0	13224	114233	
220	17.19		23.16	0.04318	188.0	1154.8	966.8	893.1	1081.1	0.3239	1.4225	1.7464
22I 222	17.52		22.75	.04396	189.0	1155.2	966.1	892.4	1081.3	.3254	1.4195	1.7449
223	18.21		22.35	.04476	190.1	1155.5	965.5	891.7	1081.6	.3268	1.4165	1.7433
224	18.56		21.95	.04557	192.1	1155.9	964.2	890.2	1082.2		1.4105	1.7403
225	-9 0-							00.	0			00
226	18.92	• • • • •	21.18	0.04722	193.1	1156.6	963.6	889.5	1082.5	0.3313	1.4075	1.7388
227	19.65		20.61	.04807	194.1	1157.0	962.9	888.0	1083.0		1.4045	1.7357
228	20.02		20.08	.04979	196,1	1157.7	961.6	887.3	1083.3	.3357	1.3986	1.7342
229	20.40		19.73	.05067	197.1	1158.1	961.0	886.5	1083.6		1.3956	1.7327
230	20.78		10.20	0.05756	198.1	TTER -	060	885.8	1083.8	0 2286	T 2026	1.7312
231	21.17	• • • • •	19.39	0.05156	190.1	1158.5	960.4 959.7	885.1	1084.1		1.3920	1.7312
232	21.57		18.73	.05339	200.I	1159.2	959.1	884.4	1084.4		1.3868	1.7282
233	21.97		18.41	.05432	201.1	1159.6	958.5	883.6	1084.7	.3429	1.3838	1.7268
234	22.38		18.10	.05527	202.1	1159.9	957.8	882.9	1084.9		1.3809	1.7253
235	22.80		17 70	0.0562	203.1	1160.3	057.0	882.1	1085.2	0.3458	T 2780	1.7238
236	23.22		17.79	.0572	203.1	1160.5	957.2 956.5	881.4	1085.5		1.3751	1.7224
237	23.65		17.19	.0582	205.2	1161.0	955.8	880.7	1085.7		1.3721	1.7209
238	24.09		16.90	.0592	206.2	1161.4	955.2	879.9	1086.0		1.3692	1.7194
239	24.53		16.61	.0602	207.2	1161.7	954.5	879.2	1086.3		1.3664	1.7180
240	24.97		16.33	0.0612	208.2	1162.1	953-9	878.4	1086.5	0.3531	1.3625	1.7165
241	25.43		16.06	.0623	209.2	1162.4	953.9	877.7	1086.8		1.3606	1.7151
242	25.89		15.79	.0633	210.2	1162.8	952.6	876.9	1087.1		1.3577	1.7137
243	26.36		15.53	.0644	211.2	1163.1	951.9	876.2	1087.3		1.3548	1.7122
244	26.83		15.27	.0655	212.2	1163.5	951.3	875.5	1087.6	.3588	1.3520	1.7108
			,							14-		

t         p         v*         1/v*         i'         i'         ization         nal         u'         s'           245         27.31         15.02         0.0666         213.2         1163.8         950.6         874.7         1087.8         0.3603         I           246         27.80         14.77         .0677         214.2         1164.2         949.9         874.0         1088.4         .3631         I           248         28.80         14.29         .0700         216.3         1164.9         948.6         872.5         1088.4         .3631         I           249         29.31         14.06         .0711         217.3         1165.5         947.3         870.9         1089.1         0.3674         I           251         30.36         13.83         0.0723         218.3         1165.5         947.3         870.9         1089.1         0.3674         1           252         30.89         13.39         .0747         220.3         1166.5         947.3         870.9         1089.1         0.3674         1           253         30.89         13.39         .0747         220.3         1166.9         945.6         870.2	r/T  1.3491 1.3463 1.3463 1.3463 1.3464 1.3377 1.3349 1.3329 1.3225 1.3237	of vapor  s'  1.7094 1.7080 1.7051 1.7037 1.7023 1.7009 1.6995 1.6982
245         27.31         15.02         0.0666         213.2         1163.8         950.6         874.7         1087.8         0.3603         I           246         27.80         14.77         .0677         214.2         1164.2         949.9         874.0         1088.1         .3617         I           247         28.30         14.53         .0688         215.2         1164.5         948.6         872.5         1088.6         .3645         I           249         29.31         14.06         .0711         217.3         1165.2         947.9         871.7         1088.9         .3660         I           250         29.83         13.83         0.0723         218.3         1165.5         947.3         870.9         1089.1         0.3674         I           251         30.36         13.31         .0735         219.3         1165.9         946.6         870.2         1089.4         .3688         I           252         30.89         13.39         .0747         220.3         1166.9         945.3         869.4         1089.4         .3688         I           253         31.43         13.17         .0759         221.3         1166.2         945.9<	1.3491 1.3463 1.3434 1.3406 1.3377 1.3349 1.3221 1.3293 1.3265 1.3237 1.3299 1.3181 1.3125	1.7094 1.7080 1.7065 1.7051 1.7037 1.7023 1.7009 1.6995 1.6982
246       27.80       14.77       .0677       214.2       1164.2       949.9       874.0       1088.1       .3617       1         247       28.30       14.53       .0688       215.2       1164.5       948.6       872.5       1088.4       .3631       1         248       28.80       14.29       .0700       216.3       1164.9       948.6       872.5       1088.6       .3645       1         249       29.31       14.06       .0711       217.3       1165.2       947.9       871.7       1088.9       .3660       1         250       29.83       13.83       0.0723       218.3       1165.5       947.3       870.9       1089.1       0.3674       1         251       30.36       13.361       .0735       219.3       1165.9       946.6       870.2       1089.4       .3688       1         252       30.89       13.39       .0747       220.3       1166.9       945.9       869.4       1089.6       .3702       1         253       31.43       13.17       .0759       221.3       1166.9       945.3       869.4       1089.4       .3688       1         256       33.10       12.7	1.3463 1.3434 1.3406 1.3377 1.3349 1.3321 1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.7080 1.7065 1.7051 1.7037 1.7023 1.7009 1.6995 1.6982
247         28.30         14.53         .0688         215.2         1164.5         949.3         873.2         1088.4         .3631         1           248         28.80         14.29         .0700         216.3         1164.9         948.6         872.5         1088.6         .3645         1           249         29.31         14.06         .0711         217.3         1165.2         947.9         871.7         1088.9         .3660         1           250         29.83         13.83         0.0723         218.3         1165.5         947.3         870.9         1089.1         0.3674         1           251         30.36         13.39         .0747         220.3         1166.5         947.3         870.2         1089.4         .3688         1           252         30.89         13.39         .0747         220.3         1166.6         945.9         869.4         1089.4         .3688         1           254         31.98         12.96         .0772         222.3         1166.6         945.9         869.4         1089.4         .3688         1           255         3.793         1         1.275         .0774         223.4         1167.2	1.3434 1.3406 1.3377 1.3349 1.3321 1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.7065 1.7051 1.7037 1.7023 1.7009 1.6995 1.6982
248         28.80         14.29         .0700         216.3         1164.9         948.6         872.5         1088.6         .3645         1           249         29.31         14.06         .0711         217.3         1165.2         947.9         871.7         1088.9         .3660         1           250         29.83         13.83         0.0723         218.3         1165.5         947.3         870.9         1089.1         0.3674         1           251         30.36         13.61         .0735         219.3         1165.9         946.6         870.2         1089.4         .3688         1           252         30.89         13.39         .0747         220.3         1166.0         945.3         869.4         1089.6         .3702         1           253         31.43         13.17         .0759         221.3         1166.0         945.3         868.7         1089.4         .3688         1           254         31.98         12.96         .0772         222.3         1166.9         944.6         867.9         1090.1         .3731         1           255         33.10         12.55         .0797         224.4         1167.2         943.9 <td>1.3406 1.3377 1.3349 1.3321 1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125</td> <td>1.7051 1.7037 1.7023 1.7009 1.6995 1.6982</td>	1.3406 1.3377 1.3349 1.3321 1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.7051 1.7037 1.7023 1.7009 1.6995 1.6982
249         29.31         14.06         .0711         217.3         1165.2         947.9         871.7         1088.9         .3660         I           250         29.83         13.83         0.0723         218.3         1165.5         947.3         870.9         1089.1         0.3674         1           251         30.36         13.61         .0735         219.3         1165.9         946.6         870.2         1089.4         .3688         1           252         30.89         13.39         .0747         220.3         1166.2         945.9         869.4         1089.6         .3702         I           253         31.43         13.17         .0759         221.3         1166.6         945.3         868.7         1089.9         .3717         1           254         31.98         12.96         .0772         222.3         1166.6         945.3         868.7         1090.1         .3731         1           255         31.98         12.75         0.0784         223.4         1167.2         943.9         867.2         1090.4         0.3745         1           256         33.10         12.55         .0797         224.4         1167.6         943.2<	1.3377 1.3349 1.3321 1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.7037 1.7023 1.7009 1.6995 1.6982
250         29.83         13.83         0.0723         218.3         1165.5         947.3         870.9         1089.1         0.3674         1           251         30.36         13.61         .0735         219.3         1165.9         946.6         870.2         1089.4         .3688         1           252         30.89         13.39         .0747         220.3         1166.6         945.9         869.4         1089.6         .3702         1           253         31.43         13.17         .0759         221.3         1166.6         945.3         868.7         1089.9         .3717         1           254         31.98         12.96         .0772         222.3         1166.9         944.6         867.9         1090.1         .3731         1           255         32.54         12.75         0.0784         223.4         1167.2         943.9         867.2         1090.4         0.3745         1           256         33.10         12.55         .0797         224.4         1167.6         943.2         866.4         1090.7         .3759         1           257         33.67         12.35         .0810         225.4         1167.9         942.5<	1.3349 1.3321 1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.7023 1.7009 1.6995 1.6982
251 30.36 13.61 .0735 219.3 1165.9 946.6 870.2 1089.4 .3688 1 252 30.89 13.39 .0747 220.3 1166.2 945.9 869.4 1089.6 .3702 1 253 31.43 13.17 .0759 221.3 1166.9 945.9 869.4 1089.6 .3717 1 254 31.98 12.96 .0772 222.3 1166.9 944.6 867.9 1090.1 .3731 1 254 31.98 12.96 .0772 222.3 1166.9 944.6 867.9 1090.1 .3731 1 255 33.10 12.55 .0797 224.4 1167.6 943.2 866.4 1090.7 .3759 1 257 33.67 12.35 .0810 225.4 1167.9 942.5 865.7 1090.9 .3773 1 258 34.25 12.15 .0823 226.4 1168.3 941.9 864.9 1091.2 .3787 1 259 34.84 11.96 .0836 227.4 1168.6 941.2 864.1 1091.4 .3801 1 260 35.44 11.77 0.0849 228.4 1168.6 941.2 864.1 1091.4 .3801 1 262 36.66 11.41 .0877 230.4 1169.6 939.2 861.8 1092.1 .3844 1 263 37.28 11.23 .0891 231.4 1169.9 938.5 861.1 1092.4 .3858 1 264 37.91 11.05 .0905 232.5 1170.2 937.8 860.3 1092.6 .3872 1 266 39.19 10.71 .0934 234.5 1170.9 936.4 858.8 1092.1 .3844 1 266 39.19 10.71 .0934 234.5 1170.9 936.4 858.8 1093.1 .3900 1 267 39.85 10.55 .0948 235.5 1171.2 935.7 858.0 1093.4 .3914 1 268 40.51 10.39 .0963 236.5 1171.5 935.0 857.2 1093.9 .3942 1 272 43.26 9.97 10023 239.6 1172.2 933.6 855.7 1093.9 .3942 1 272 43.26 9.97 1.004 241.6 1172.8 932.9 854.9 1094.5 .3963 1 274 42.56 9.92 .1008 239.6 1172.5 932.9 854.9 1094.5 .3963 1 274 42.56 9.92 .1008 239.6 1172.5 932.9 854.9 1094.5 .3963 1 274 42.56 9.92 .1008 239.6 1172.5 932.9 854.9 1094.5 .3963 1 274 42.56 9.92 .1008 239.6 1172.5 932.9 854.9 1094.6 .3983 1 273 43.97 9.62 .1004 241.6 1172.8 932.5 853.3 1094.8 .3997 1	1.3321 1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.7009 1.6995 1.6982
252   30.89   13.39   .0747   220.3   1166.2   945.9   869.4   1089.6   .3702   1   253   31.43   13.17   .0759   221.3   1166.6   945.3   868.7   1089.9   .3717   1   254   31.98   12.96   .0772   222.3   1166.9   944.6   867.9   1090.1   .3731   1   255   32.54   12.75   .00784   223.4   1167.2   943.9   867.2   1090.4   0.3745   1   256   33.10   12.55   .0797   224.4   1167.6   943.2   866.4   1090.7   .3759   1   257   33.67   12.35   .0810   225.4   1167.9   942.5   865.7   1090.9   .3773   1   258   34.25   12.15   .0823   226.4   1168.6   941.2   864.9   1091.2   .3787   1   259   34.84   11.96   .0836   227.4   1168.6   941.2   864.1   1091.4   .3801   1   261   36.04   11.59   .0863   229.4   1169.2   939.8   862.6   1091.9   .3830   1   262   36.66   11.41   .0877   230.4   1169.6   939.2   861.8   1092.1   .3844   1   263   37.28   11.23   .0891   231.4   1169.9   938.5   861.1   1092.4   .3858   1   264   37.91   11.05   .0905   232.5   1170.2   937.8   860.3   1092.6   .3872   1   265   38.55   10.88   0.0919   233.5   1170.6   937.1   859.5   1092.9   0.3886   1   266   39.19   10.71   .0934   234.5   1170.9   936.4   858.8   1093.1   .3900   1   267   39.85   10.55   .0948   235.5   1171.2   935.7   858.0   1093.4   .3914   1   268   40.51   10.39   .0963   236.5   1171.5   935.0   857.2   1093.6   .3928   1   269   41.19   10.23   .0978   237.5   1171.9   934.3   856.5   1093.9   .3942   1   272   43.26   9.77   .1024   240.6   1172.8   932.9   854.1   1094.6   .3983   1   273   43.97   9.62   .1004   241.6   1173.1   931.5   853.3   1094.8   .3997   1   10.94	1.3293 1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.6995
253	1.3265 1.3237 1.3209 1.3181 1.3153 1.3125	1.6982
255 31.98 12.96 .0772 222.3 1166.9 944.6 867.9 1090.1 .3731 1  255 32.54 12.75 0.0784 223.4 1167.2 943.9 867.2 1090.4 0.3745 1  256 33.10 12.55 .0810 225.4 1167.6 943.2 866.4 1090.7 .3759 1  257 33.67 12.35 .0810 225.4 1167.9 942.5 865.7 1090.9 .3773 1  258 34.25 12.15 .0823 226.4 1168.3 941.9 864.9 1091.2 .3787 1  259 34.84 11.96 .0836 227.4 1168.6 941.2 864.1 1091.4 .3801 1  260 35.44 11.77 0.0849 228.4 1168.9 940.5 863.4 1091.7 0.3816 1  261 36.04 11.59 .0863 229.4 1169.2 939.8 862.6 1091.9 .3830 1  262 36.66 11.41 .0877 230.4 1169.6 939.2 861.8 1092.1 .3844 1  263 37.28 11.23 .0891 231.4 1169.9 938.5 861.1 1092.4 .3858 1  264 37.91 11.05 .0905 232.5 1170.2 937.8 860.3 1092.6 .3872 1  265 38.55 10.88 0.0919 233.5 1170.6 937.1 859.5 1092.9 0.3886 1  266 39.19 10.71 .0934 234.5 1170.9 936.4 858.8 1093.1 .3900 1  267 39.85 10.55 .0948 235.5 1171.2 935.7 858.0 1093.4 .3914 1  268 40.51 10.39 .0963 236.5 1171.5 935.0 857.2 1093.6 .3928 1  270 41.87 10.07 0.0993 238.6 1172.2 933.6 855.7 1094.1 0.3956 1  271 42.56 9.92 .1008 239.6 1172.5 932.9 854.1 1094.6 .3983 1  273 43.97 9.62 .1040 241.6 1172.8 931.5 853.3 1094.8 .3997 1	1.3237 1.3209 1.3181 1.3153 1.3125	
256         33.10         12.55         .0797         224.4         1167.6         943.2         866.4         1090.7         .3759         1           257         33.67         12.35         .0810         225.4         1167.9         942.5         865.7         1090.9         .3773         1           258         34.25         12.15         .0823         226.4         1168.6         941.9         864.9         1091.2         .3787         1           259         34.84         11.96         .0836         227.4         1168.6         941.2         864.1         1091.4         .3801         1           260         35.44         11.77         0.0849         228.4         1168.9         940.5         863.4         1091.7         0.3816         1           261         36.04         11.59         .0863         229.4         1169.2         939.8         862.6         1091.9         .3830         1           262         36.66         11.41         .0877         230.4         1169.6         939.2         861.8         1092.1         .3858         1           263         37.91         11.05         .0905         232.5         1170.2         937.8 <td>1.3181 1.3153 1.3125</td> <td>1.6968</td>	1.3181 1.3153 1.3125	1.6968
257 33.67 12.35 .0810 225.4 1167.9 942.5 865.7 1090.9 .3773 1 258 34.25 12.15 .0823 226.4 1168.3 941.9 864.9 1091.2 .3787 1 259 34.84 11.96 .0836 227.4 1168.6 941.2 864.1 1091.4 .3801 1 260 35.44 11.77 0.0849 228.4 1168.9 940.5 863.4 1091.7 0.3816 1 261 36.04 11.59 .0863 229.4 1169.2 939.8 862.6 1091.9 .3830 1 262 36.66 11.41 .0877 230.4 1169.6 939.2 861.8 1092.1 .3844 1 263 37.28 11.23 .0891 231.4 1169.9 938.5 861.1 1092.4 .3858 1 264 37.91 11.05 .0905 232.5 1170.2 937.8 860.3 1092.6 .3872 1 265 38.55 10.88 0.0919 233.5 1170.6 937.1 859.5 1092.9 0.3886 1 266 39.19 10.71 .0934 234.5 1170.9 936.4 858.8 1093.1 .3900 1 267 39.85 10.55 .0948 235.5 1171.2 935.7 858.0 1093.4 .3914 1 268 40.51 10.39 .0963 236.5 1171.5 935.0 857.2 1093.6 .3928 1 269 41.19 10.23 .0963 237.5 1171.9 934.3 856.5 1093.4 .3914 1 271 42.56 9.92 .1008 239.6 1172.2 933.6 855.7 1094.1 0.3956 1 272 43.26 9.77 .1024 240.6 1172.8 932.2 854.1 1094.6 .3983 1 273 43.97 9.62 .1040 241.6 1173.1 931.5 853.3 1094.8 .3997 1	1.3153	1.6954
257         33.67         12.35         .0810         225.4         1167.9         942.5         865.7         1090.9         .3773         1           258         34.25         12.15         .0823         226.4         1168.3         941.9         864.9         1091.2         .3787         1           259         34.84         11.96         .0836         227.4         1168.6         941.2         864.1         1091.4         .3801         1           260         35.44         11.77         0.0849         228.4         1168.9         940.5         863.4         1091.7         0.3816         1           261         36.04         11.59         .0863         229.4         1169.2         939.8         862.6         1091.9         .3830         1           262         36.66         11.41         .0877         230.4         1169.6         939.2         861.8         1092.1         .3858         1           263         37.28         11.03         .0905         232.5         1170.2         938.5         861.1         1092.4         .3858         1           264         37.91         11.05         .0905         232.5         1170.2         937.8 <td>1.3125</td> <td>1.6940</td>	1.3125	1.6940
259         34.84         11.96         .0836         227.4         1168.6         941.2         864.1         1091.4         .3801         1           260         35.44         11.77         0.0849         228.4         1168.9         940.5         863.4         1091.7         0.3816         1           261         36.04         11.59         .0863         229.4         1169.2         939.8         862.6         1091.9         .3830         1           262         36.66         11.41         .0877         230.4         1169.6         939.2         861.8         1092.1         .3844         1           263         37.28         11.23         .0891         231.4         1169.9         938.5         861.1         1092.4         .3858         1           264         37.91         11.05         .0905         232.5         1170.2         937.8         860.3         1092.4         .3858         1           265         38.55         10.88         0.0919         233.5         1170.6         937.1         859.5         1092.9         0.3886         1           266         39.19         10.71         .0934         234.5         1170.9         935.4<		1.6926
260         35.44         II.77         0.0849         228.4         II68.9         940.5         863.4         1091.7         0.3816         I           261         36.04         II.59         .0863         229.4         II69.2         939.8         862.6         1091.9         .3830         I           262         36.66         II.41         .0877         230.4         II69.6         939.2         861.8         1092.1         .3844         I           263         37.28         II.23         .0891         231.4         II69.9         938.5         861.1         1092.4         .3858         I           264         37.91         II.05         .0905         232.5         II70.2         937.8         860.3         1092.6         .3872         I           265         38.55         10.88         0.0919         233.5         II70.6         937.1         859.5         1092.9         0.3886         I           266         39.19         10.71         .0934         234.5         II70.9         936.4         858.8         1093.1         .3900         I           267         39.85         10.55         .0948         235.5         II71.2         935.7<		1.6913
261	1.3098	1.6899
261	1.3070	1.6885
263         37.28         11.23         .0891         231.4         1169.9         938.5         861.1         1092.4         .3858         1           264         37.91         11.05         .0905         232.5         1170.2         937.8         860.3         1092.6         .3872         1           265         38.55         10.88         0.0919         233.5         1170.6         937.1         859.5         1092.9         0.3886         1           266         39.19         10.71         .0934         234.5         1170.9         936.4         858.8         1093.1         .3900         1           267         39.85         10.55         .0948         235.5         1171.5         935.7         858.0         1093.4         .3914         1           268         40.51         10.39         .0963         236.5         1171.5         935.0         857.2         1093.6         .3928         1           269         41.19         10.23         .0978         237.5         1171.9         934.3         856.5         1093.9         .3942         1           270         41.87         10.07         0.0993         238.6         1172.2         933.6 </td <td>1.3042</td> <td>1.6872</td>	1.3042	1.6872
264       37.91       11.05       .0905       232.5       1170.2       937.8       860.3       1092.6       .3872       1         265       38.55       10.88       0.0919       233.5       1170.6       937.1       859.5       1092.9       0.3886       1         266       39.19       10.71       .0934       234.5       1170.9       936.4       858.8       1093.1       .3900       1         267       39.85       10.55       .0948       235.5       1171.2       935.7       858.0       1093.4       .3914       1         268       40.51       10.39       .0963       236.5       1171.5       935.0       857.2       1093.6       .3928       1         269       41.19       10.23       .0978       237.5       1171.9       934.3       856.5       1093.9       .3942       1         270       41.87       10.07       0.0993       238.6       1172.2       933.6       855.7       1094.1       0.3956       1         271       42.56       9.92       .1008       239.6       1172.5       932.9       854.9       1094.3       .3969       1         272       43.26       9.77	1.3015	1.6858
265       38.55       10.88       0.0919       233.5       1170.6       937.1       859.5       1092.9       0.3886       1         266       39.19       10.71       .0934       234.5       1170.9       936.4       858.8       1093.1       .3900       1         267       39.85       10.55       .0948       235.5       1171.2       935.7       858.0       1093.4       .3914       1         268       40.51       10.39       .0963       236.5       1171.5       935.0       857.2       1093.6       .3928       1         269       41.19       10.23       .0978       237.5       1171.9       934.3       856.5       1093.9       .3942       1         270       41.87       10.07       0.0993       238.6       1172.2       933.6       855.7       1094.1       0.3956       1         271       42.56       9.92       .1008       239.6       1172.5       932.9       854.9       1094.3       .3969       1         272       43.26       9.77       .1024       240.6       1172.8       932.2       854.1       1094.6       .3983       1         273       43.97       9.62<	1.2987	1.6845
266       39.19       10.71       .0934       234.5       1170.9       936.4       858.8       1093.1       .3900       1         267       39.85       10.55       .0948       235.5       1171.2       935.7       858.0       1093.4       .3914       1         268       40.51       10.39       .0963       236.5       1171.5       935.0       857.2       1093.6       .3928       1         269       41.19       10.23       .0978       237.5       1171.9       934.3       856.5       1093.9       .3942       1         270       41.87       10.07       0.0993       238.6       1172.2       933.6       855.7       1094.1       0.3956       1         271       42.56       9.92       .1008       239.6       1172.5       932.9       854.9       1094.3       .3969       1         272       43.26       9.77       .1024       240.6       1172.8       932.2       854.1       1094.6       .3983       1         273       43.97       9.62       .1040       241.6       1173.1       931.5       853.3       1094.8       .3997       1	1.2960	1.6831
267 39.85 10.55 .0948 235.5 1171.2 935.7 858.0 1093.4 .3914 1 268 40.51 10.39 .0963 236.5 1171.5 935.0 857.2 1093.6 .3928 1 269 41.19 10.23 .0978 237.5 1171.9 934.3 856.5 1093.9 .3942 1 270 41.87 10.07 0.0993 238.6 1172.2 933.6 855.7 1094.1 0.3956 1 271 42.56 9.92 .1008 239.6 1172.5 932.9 854.9 1094.3 .3969 1 272 43.26 9.77 .1024 240.6 1172.8 932.2 854.1 1094.6 .3983 1 273 43.97 9.62 .1040 241.6 1173.1 931.5 853.3 1094.8 .3997 1	1.2932	1.6818
268	1.2905	1.6805
269   41.19   10.23   .0978   237.5   1171.9   934.3   856.5   1093.9   .3942   1  270   41.87   10.07   0.0993   238.6   1172.2   933.6   855.7   1094.1   0.3956   1  271   42.56   9.92   .1008   239.6   1172.5   932.9   854.9   1094.3   .3969   1  272   43.26   9.77   .1024   240.6   1172.8   932.2   854.1   1094.6   .3983   1  273   43.97   9.62   .1040   241.6   1173.1   931.5   853.3   1094.8   .3997   1	1.2878	1.6791
270     41.87     10.07     0.0993     238.6     1172.2     933.6     855.7     1094.1     0.3956     1       271     42.56     9.92     .108     239.6     1172.5     932.9     854.9     1094.3     .3969     1       272     43.26     9.77     .1024     240.6     1172.8     932.2     854.1     1094.6     .3983     1       273     43.97     9.62     .1040     241.6     1173.1     931.5     853.3     1094.8     .3997     1	1.2850	1.6778
271     42.56     9.92     .1008     239.6     1172.5     932.9     854.9     1094.3     .3969     1       272     43.26     9.77     .1024     240.6     1172.8     932.2     854.1     1094.6     .3983     1       273     43.97     9.62     .1040     241.6     1173.1     931.5     853.3     1094.8     .3997     1	1.2823	1.6765
272   43.26   9.77   .1024   240.6   1172.8   932.2   854.1   1094.6   .3983   1 273   43.97   9.62   .1040   241.6   1173.1   931.5   853.3   1094.8   .3997   1	1.2796	1.6752
273   43.97   9.62   .1040   241.6   1173.1   931.5   853.3   1094.8   .3997   1	1.2769	1.6738
	1.2742	1.6725
	1.2715	1.6712
274   44.69   9.47   .1056   242.6   1173.5   930.8   852.6   1095.1   .4011   1	1.2688	1.6699
	1.2661	1.6686
	1.2634	1.6673
	1.2608	1.6660
	1.2581	1.6647
279   48.44   8.79   .1138   247.7   1175.0   927.3   848.7   1096.2   .4080   1	1.2554	1.6634
	1.2528	1.6622
281   50.00   8.53   .1173   249.8   1175.6   925.8   847.1   1096.7   .4108   1	1.2501	1.6609
	1.2475	1.6596
	1.2448	1.6583
	1.2396	1.6558
	1.2343	1.6533
	1.2343	1.6520
	1.2291	1.6508
290   57.57   7.47   0.1339   259.0   1178.3   919.4   839.9   1098.7   0.4230   1	1.2265	1.6495
1 0 0 1 1 1 1 000 1 00 1 1 0 1 0 1 0 1	1.2238	1.6483
	1.2212	1.6470
293   60.28   7.15   .1398   262.0   1179.2   917.2   837.5   1099.3   .4271   1	1.2186	1.6458
	1.2160	1.6445
		1.6433
	1.2135	1.6421
	1.2109	1.6408
	1.2109	Thank
299   66.03   6.57   .1523   268.2   1180.9   912.7   832.6   1100.6   .4352   1	1.2109	1.6396

						content		nt heat	_		Entropy	
	Temp.,	Pressure,	Volume,	Weight,	in I	B.t.u.	in I	3.t.u.	Energy		Littlopy	
	°F.	lb. per	cu. ft.	lb. per cu. ft.	of		of vapor-	Inter-	B.t.u.		of vapor-	
		oq. m.	per io.	Cu	liquid	of vapor	ization	nal	2.0.0.	of liquid	ization	of vapor
	t	р	v "	I/V"	i'	i"	r	ρ	u"	s'	r/T	s"
				-/-	-						-/-	
ľ												
	300	67.0	6.48	0.1544	269.2	1181.2	912.0	831.8	1100.8	0.4366	1.2006	1.6372
	301	68.0	6.39	.1566	270.3	1181.5	911.2	831.0	1101.0	.4379	1.1980	1.6359
	302	69.1	6.30	.1588	271.3	1181.8	910.5	830.2	IIOI.2	•4393	1.1955	1.6347
	303	70.1	6.21	.1611	272.3	1182.0	909.7	829.4	1101.5	.4406	1.1929	1.6335
4	304	71.1	6.12	.1633	273.3	1182.3	909.0	828.6	1101.7	.4420	1.1904	1.6323
	304	/1.1	0.12	.1033	2/3.3	1102.5	909.0	020.0	1101.7	.4420	1.1904	1.0323
	305	72.2	6.04	0.1656	274.4	1182.6	908.2	827.7	1101.9	0.4433	1.1878	1.6311
	306		5.96	.1679		1182.8	907.4	826.9	1101.9	.4446	1.1853	1.6299
	_	73.3			275.4	1183.1		826.1				
	307	74.4	5.87	.1703	276.4	1103.1	906.7	_	1102.3	.4460	1.1827	1.6287
	308	75.5	5.79	.1726	277.5	1183.4	905.9	825.3	1102.5	•4473	1.1802	1.6275
	309	76.6	5.71	.1750	278.5	1183.7	905.2	824.4	1102.7	.4487	1.1777	1.6263
	010					0		0 6				
	310	77.7	5.63	0.1775	279.5	1183.9	904.4	823.6	1102.8	0.4500	1.1751	1.6251
	311	78.8	5.56	.1799	280.5	1184.2	903.6	822.8	1103.0	.4513	1.1726	1.6239
	312	80.0	5.48	.1824	281.6	1184.4	902.9	821.9	1103.2	.4527	1.1701	1.6228
	313	81.1	5.41	.1849	282.6	1184.7	902.1	821.1	1103.4	.4540	1.1676	1.6216
	314	82.3	5.34	.1874	283.6	1184.9	901.3	820.3	1103.6	•4553	1.1651	1.6204
	315	83.5	5.26	0.1899	284.7	1185.2	900.5	819.4	1103.8	0.4566	1.1626	1.6192
	316	84.7	5.19	.1925	285.7	1185.5	899.8	818.6	1104.0	.4580	1.1601	1.6181
	317	85.9	5.12	.1951	286.7	1185.7	899.0	817.8	1104.2	•4593	1.1576	1.6169
	318	87.1	5.06	.1978	287.8	1186.0	898.2	816.9	1104.4	.4606	1.1551	1.6157
	319	88.4	4.99	.2005	288.8	1186.2	897.4	816.1	1104.6	.4619	1.1526	1.6146
	0 0						37.1					.5
	320	89.7	4.922	0.2032	289.8	1186.5	896.7	815.2	1104.7	0.4633	1.1501	1.6134
	321	90.9	4.857	.2059	290.9	1186.7	895.9	814.4	1104.9	.4646	1.1477	1.6122
	322	92.2	4.793	.2086	291.9	1187.0	895.1	813.5	1105.1	.4659	1.1452	1.6111
	323	93.5	4.730	.2114	292.9	1187.2	894.3	812.7	1105.3	.4672	1.1427	1.6099
		93.3	4.668	.2142		1187.5		811.8		.4685		1.6088
	324	94.0	4.000	.2142	294.0	1107.5	893.5	011.0	1105.5	.4005	1.1402	1.0000
	325	96.2	4.607	0.2171	207.0	1187.7	892.7	811.0	7707 5	0.4698	T T 2 7 8	1.6076
	326	97.5	4.547		295.0	1187.9	891.9	810.1	1105.7		1.1378	1.6065
	-			.2199				_	1105.8	.4711	1.1353	
	327	98.9	4.487	.2228	297.1	1188.2	891.1	809.3	1106.0	.4725	1.1329	1.6053
	328	100.3	4.429	.2258	298.1	1188.4	890.3	808.4	1106.2	.4738	1.1304	1.6042
	329	101.6	4.372	.2287	299.2	1188.6	889.5	807.6	1106.4	·4751	1.1280	1.6030
	330					00	000	0.6				
		103.0	4.316	0.2317	300.2	1188.9	888.7	806.7	1106.5	0.4764	1.1255	1.6019
	331	104.5	4.260	.2348	301.2	1189.1	887.9	805.9	1106.7	·4777	1.1231	1.6008
	332	105.9	4.205	.2378	302.2	1189.3	887.1	805.0	1106.9	.4790	1.1206	1.5996
	333	107.4	4.151	.2409	303.3	1189.6	886.3	804.1	1107.0	.4803	1.1182	1.5985
	334	108.8	4.098	.2440	304.3	1189.8	885.5	803.3	1107.2	.4816	1.1158	1.5974
	007						0.0					
	335	110.3	4.046	0.2472	305.4	1190.0	884.7	802.4	1107.4	0.4829	1.1133	1.5962
	336	111.8	3.994	.2504	306.4	1190.2	883.8	801.5	1107.5	.4842	1.1109	1.5951
	337	113.3	3.943	.2536	307.4	1190.4	883.0	800.7	1107.7	.4855	1.1085	1.5940
	338	114.9	3.893	.2568	308.5	1190.7	882.2	799.8	1107.9	.4868	1.1061	1.5929
	339	116.4	3.844	.2601	309.5	1190.9	881.4	798.9	1108.0	.4881	1.1037	1.5918
	340	118.0	3.796	0.2635	310.5	1191.1	880.6	798.0	1108.2	0.4894	1.1012	1.5906
	341	119.6	3.748	.2668	311.6	1191.3	879.7	797.2	1108.3	.4907	1.0988	1.5895
				.2702	312.6	1191.5	878.9	796.3	1108.5	.4920	1.0964	1.5884
	342	121.2	3.701	/								
							878.1	795.4	1108.6	.4933	1.0940	1.5873
	343	121.2	3.655	.2736	313.7	1191.7	878.1 877.2	795·4 794·5		.4933 .4946		1.5873
		121.2					878.1	795·4 794·5	1108.6	.4933 .4946	1.0940	1.5873
	343	121.2	3.655 3.609	.2736	313.7 314.7	1191.7	877.2	794.5	1108.8	.4946	1.0916	1.5862
	343 344 <b>345</b>	121.2 122.8 124.4 126.1	3.655 3.609 3.564	.2736 .2771 0.2806	313.7 314.7 315.8	1191.7 1191.9	877.2 876.4	794·5 793.6	1108.8	.4946 0.4959	1.0916	1.5862
	343 344 <b>345</b> 346	121.2 122.8 124.4 126.1 127.7	3.655 3.609 3.564 3.520	.2736 .2771 0.2806 .2841	313.7 314.7 315.8 316.8	1191.7 1191.9 1192.1 1192.3	877.2 876.4 875.6	794.5 793.6 792.7	1108.8	.4946 0.4959 .4971	1.0916 1.0892 1.0868	1.5862 1.5851 1.5840
	343 344 <b>345</b> 346 347	121.2 122.8 124.4 126.1 127.7 129.4	3.655 3.609 3.564 3.520 3.476	.2736 .2771 0.2806 .2841 .2877	313.7 314.7 315.8 316.8 317.8	1191.7 1191.9 1192.1 1192.3 1192.5	877.2 876.4 875.6 874.7	794.5 793.6 792.7 791.9	1108.8 1109.0 1109.1 1109.2	.4946 0.4959 .4971 .4984	1.0916 1.0892 1.0868 1.0845	1.5862 1.5851 1.5840 1.5829
	343 344 <b>345</b> 346 347 348	121.2 122.8 124.4 126.1 127.7 129.4 131.1	3.655 3.609 3.564 3.520 3.476 3.433	.2736 .2771 0.2806 .2841 .2877 .2913	313.7 314.7 315.8 316.8 317.8 318.9	1191.7 1191.9 1192.1 1192.3 1192.5 1192.7	877.2 876.4 875.6 874.7 873.9	794.5 793.6 792.7 791.9 791.0	1108.8 1109.0 1109.1 1109.2 1109.4	.4946 0.4959 .4971 .4984 .4997	1.0916 1.0892 1.0868 1.0845 1.0821	1.5862 1.5851 1.5840 1.5829 1.5818
	343 344 <b>345</b> 346 347	121.2 122.8 124.4 126.1 127.7 129.4	3.655 3.609 3.564 3.520 3.476	.2736 .2771 0.2806 .2841 .2877	313.7 314.7 315.8 316.8 317.8	1191.7 1191.9 1192.1 1192.3 1192.5	877.2 876.4 875.6 874.7	794.5 793.6 792.7 791.9	1108.8 1109.0 1109.1 1109.2	.4946 0.4959 .4971 .4984	1.0916 1.0892 1.0868 1.0845	1.5862 1.5851 1.5840 1.5829
	343 344 <b>345</b> 346 347 348 349	121.2 122.8 124.4 126.1 127.7 129.4 131.1 132.8	3.655 3.609 3.564 3.520 3.476 3.433 3.391	.2736 .2771 0.2806 .2841 .2877 .2913 .2949	313.7 314.7 315.8 316.8 317.8 318.9 319.9	1191.7 1191.9 1192.1 1192.3 1192.5 1192.7 1192.9	877.2 876.4 875.6 874.7 873.9 873.0	794.5 793.6 792.7 791.9 791.0 790.1	1108.8 1109.0 1109.1 1109.2 1109.4 1109.5	.4946 0.4959 .4971 .4984 .4997 .5010	1.0916 1.0892 1.0868 1.0845 1.0821 1.0797	1.5862 1.5851 1.5840 1.5829 1.5818 1.5807
	343 344 345 346 347 348 349 350	121.2 122.8 124.4 126.1 127.7 129.4 131.1 132.8	3.655 3.609 3.564 3.520 3.476 3.433 3.391 3.349	.2736 .2771 0.2806 .2841 .2877 .2913 .2949	313.7 314.7 315.8 316.8 317.8 318.9 319.9	1191.7 1191.9 1192.1 1192.3 1192.5 1192.7 1192.9	877.2 876.4 875.6 874.7 873.9 873.0	794.5 793.6 792.7 791.9 791.0 790.1	1108.8 1109.0 1109.1 1109.2 1109.4 1109.5	.4946 0.4959 .4971 .4984 .4997 .5010	1.0916 1.0892 1.0868 1.0845 1.0821 1.0797	1.5862 1.5851 1.5840 1.5829 1.5818 1.5807
	343 344 345 346 347 348 349 350 351	121.2 122.8 124.4 126.1 127.7 129.4 131.1 132.8 134.6 136.3	3.655 3.609 3.564 3.520 3.476 3.433 3.391 3.349 3.308	.2736 .2771 0.2806 .2841 .2877 .2913 .2949 0.2986 .3023	313.7 314.7 315.8 316.8 317.8 318.9 319.9 321.0 322.0	1191.7 1191.9 1192.1 1192.3 1192.5 1192.7 1192.9 1193.1 1193.3	877.2 876.4 875.6 874.7 873.9 873.0 872.2 871.3	794.5 793.6 792.7 791.9 791.0 790.1 789.2 788.3	1108.8 1109.0 1109.1 1109.2 1109.4 1109.5	.4946 0.4959 .4971 .4984 .4997 .5010 0.5023 .5036	1.0916 1.0892 1.0868 1.0845 1.0821 1.0797	1.5862 1.5851 1.5840 1.5829 1.5818 1.5807 1.5796 1.5785
	343 344 345 346 347 348 349 350 351 352	121.2 122.8 124.4 126.1 127.7 129.4 131.1 132.8 134.6 136.3 138.1	3.655 3.609 3.564 3.520 3.476 3.433 3.391 3.349 3.308 3.268	.2736 .2771 0.2806 .2841 .2877 .2913 .2949 0.2986 .3023 .3060	313.7 314.7 315.8 316.8 317.8 318.9 319.9 321.0 322.0 323.1	1191.7 1191.9 1192.1 1192.3 1192.5 1192.7 1192.9 1193.1 1193.3 1193.5	877.2 876.4 875.6 874.7 873.9 873.0 872.2 871.3 870.5	794.5 793.6 792.7 791.9 791.0 790.1 789.2 788.3 787.4	1108.8 1109.0 1109.1 1109.2 1109.4 1109.5 1109.7 1109.8 1110.0	.4946 0.4959 .4971 .4984 .4997 .5010 0.5023 .5036 .5048	1.0916 1.0892 1.0868 1.0845 1.0821 1.0797 1.0773 1.0749 1.0726	1.5862 1.5851 1.5840 1.5829 1.5818 1.5807 1.5796 1.5785 1.5774
	343 344 345 346 347 348 349 350 351 352 353	121.2 122.8 124.4 126.1 127.7 129.4 131.1 132.8 134.6 136.3 138.1 139.9	3.655 3.609 3.564 3.520 3.476 3.433 3.391 3.349 3.308 3.268 3.228	.2736 .2771 0.2806 .2841 .2877 .2913 .2949 0.2986 .3023 .3060 .3098	313.7 314.7 315.8 316.8 317.8 318.9 319.9 321.0 322.0 323.1 324.1	1191.7 1192.1 1192.3 1192.5 1192.7 1192.9 1193.1 1193.3 1193.5 1193.7	877.2 876.4 875.6 874.7 873.9 873.0 872.2 871.3 870.5 869.6	794.5 793.6 792.7 791.9 790.1 789.2 788.3 787.4 786.5	1108.8 1109.0 1109.1 1109.2 1109.4 1109.5 1109.7 1109.8 1110.0	.4946 0.4959 .4971 .4984 .4997 .5010 0.5023 .5036 .5048	1.0916 1.0892 1.0868 1.0845 1.0797 1.0797 1.0773 1.0749 1.0726	1.5862 1.5851 1.5840 1.5829 1.5818 1.5807 1.5796 1.5785 1.5774 1.5763
	343 344 345 346 347 348 349 350 351 352	121.2 122.8 124.4 126.1 127.7 129.4 131.1 132.8 134.6 136.3 138.1	3.655 3.609 3.564 3.520 3.476 3.433 3.391 3.349 3.308 3.268	.2736 .2771 0.2806 .2841 .2877 .2913 .2949 0.2986 .3023 .3060	313.7 314.7 315.8 316.8 317.8 318.9 319.9 321.0 322.0 323.1	1191.7 1191.9 1192.1 1192.3 1192.5 1192.7 1192.9 1193.1 1193.3 1193.5	877.2 876.4 875.6 874.7 873.9 873.0 872.2 871.3 870.5	794.5 793.6 792.7 791.9 791.0 790.1 789.2 788.3 787.4	1108.8 1109.0 1109.1 1109.2 1109.4 1109.5 1109.7 1109.8 1110.0	.4946 0.4959 .4971 .4984 .4997 .5010 0.5023 .5036 .5048	1.0916 1.0892 1.0868 1.0845 1.0821 1.0797 1.0773 1.0749 1.0726	1.5862 1.5851 1.5840 1.5829 1.5818 1.5807 1.5796 1.5785 1.5774

		1				1 -					
Temp.,	Pressure, lb. per	Volume,	Weight,		content B.t.u.		nt heat 3.t.u.	Energy		Entropy	
° F.	sq. in.	per lb.	cu. ft.	of liquid	of vapor	of vapor- ization	Inter- nal	B.t.u.	of liquid	of vapor- ization	of vapor
t	p	▼" · ·	I/V"	i'	i'	r	ρ	u"	s'	r/T	s"
355	143.5	3.150	0.3175	326.2	1194.1	867.9	784.7	1110.4	0.5087	1.0654	T 5741
-											1.5741
356	145.4	3.112	.3214	327.2	1194.3	867.1	783.8	1110.5	.5099	1.0631	1.5730
357	147.2	3.074	.3253	328.3	1194.5	866.2	782.9	1110.7	.5112	1.0607	1.5719
358	149.1	3.037	.3293	329.3	1194.7	865.3	782.0	1110.8	.5125	1.0584	1.5709
359	151.0	3.000	•3333	330.4	1194.9	864.5	781.1	1110.9	.5138	1.0560	1.5698
360	153.0	2.964	0.3373	331.4	1195.0	863.6	780.2	IIII.I	0.5150	1.0537	1.5687
361	154.9	2.929	.3414	332.5	1195.2	862.7	779.3	IIII.2	.5163	1.0513	1.5676
362	156.9	2.894	.3456	333.5	1195.4	861.9	778.3	1111.3	.5176	1.0490	1.5666
363	158.8	2.859	-3498	334.6	1195.6	861.0	777.4	1111.5	.5188	1.0467	1.5655
364	160.8	2.825	.3540	335.6	1195.7	860.1	776.5	1111.6	.5201	1.0443	1.5644
365	162.9	2.792	0.3582	336.7	1195.9	859.2	775.6	1111.7	0.5214	1.0420	1.5634
366	164.9	2.759	.3625	337.7	1196.1	858.3	774.7	1111.8	.5226	1.0397	1.5623
367	167.0	2.726	.3668	338.8	1196.2	857.4	773.8	1112.0	-5239	1.0373	1.5612
368	169.0	2.694	.3712	339.8	1196.4	856.6	772.8	III2.I	.5252	1.0350	1.5602
369	171.1	2.662	.3756	340.9	1196.6	855.7	771.9	III2.2	.5264	1.0327	1.5591
370	173.2	2.631	0.3801	342.0	1196.7	854.8	771.0	1112.3	0.5277	1.0303	1.5580
371	175.4	2.600	.3846	343.0	1196.9	853.9	770.0	1112.4	.5289	1.0280	1.5570
372	177.6	2.570	.3891	344.1	1197.0	853.0	769.1	1112.6	.5302	1.0257	1.5559
373	179.8	2.540	-3937	345.1	1197.2	852.1	768.2	1112.7	.5315	1.0234	1.5549
374	182.0	2.510	.3984	346.2	1197.3	851.2	767.2	1112.8	.5327	1.0211	1.5538
375	184.2	2.481	0.4031	347.2	1197.5	850.3	766.3	1112.9	0.5340	1.0188	1.5528
376	186.4	2.452	.4078	348.3	1197.6	849.4	765.4	1113.0	.5352	1.0165	1.5517
377	188.7	2.424	.4125	349.3	1197.8	848.5	764.4	1113.1	.5365	1.0142	1.5507
378	191.0	2.396	.4173	350.4	1197.9	847.5	763.5	1113.2	•5377	1.0119	1.5496
379	193.3	2.368	.4222	351.4	1198.1	846.6	762.5	1113.3	.5390	1.0096	1.5486
380	195.6	2.341	0.4271	352.5	1198.2	845.7	761.6	1113.4	0.5402	1.0073	1.5475
381	198.0	2.314	.4321	353.6	1198.3	844.8	760.6	1113.5	.5415	1.0050	1.5465
382	200.3	2.288	.4371	354.6	1198.5	843.9	759.7	1113.6	-5427	1.0027	1.5454
383	202.7	2.262	.4421	355.7	1198.6	842.9	758.7	1113.7	.5440	1.0004	1.5444
384	205.1	2.236	.4472	356.7	1198.7	842.0	757.8	1113.8	.5452	0.9981	1.5433
385	207.6	2.211	0.4523	357.8	1198.9	841.1	756.8	1113.9	0.5465	0.9958	1.5423
386	210.0	2.186	·4575	358.8	1199.0	840.2	755.9	1114.0	.5477	.9936	1.5413
387	212.5	2.161	.4627	359.9	1199.1	839.2	754-9	1114.1	.5489	.9913	1.5402
388	215.0	2.137	.4680	361.0	1199.2	838.3	753.9	1114.2	.5502	.9890	1.5392
389	217.6	2.113	•4733	362.0	1199.4	837.3	753.0	1114.2	.5514	.9867	1.5381
390	220.1	2.089	0.4787	363.1	1199.5	836.4	752.0	1114.3	0.5526	0.9845	1.5371
391	222.7	2.065	.4841	364.2	1199.6	835.4	751.0	1114.4	.5539	.9822	1.5361
392	225.3	2.042	.4896	365.2	1199.7	834.5	750.1	1114.5	.5551	.9799	1.5351
393	228.0	2.019	.4951	366.3	1199.8	833.5	749.1	1114.6	.5564	.9777	1.5340
394	230.6	1.987	.5007	367.3	1199.9	832.6	748.1	1114.7	.5576	.9754	1.5330
395	233.3	1.975	0.5063	368.4	1200.0	831.6	747.I	1114.7	0.5588	0.9732	1.5320
396	236.0	1.953	.5120	369.5	I 200.I	830.7	746.2	1114.8	.5601	.9709	1.5310
397	238.7	1.931	.5178	370.5	1200.2	829.7	745.2	1114.9	.5613	.9686	1.5299
398	241.4	1.910	.5236	371.6	1200.3	828.7	744.2	1115.0	.5625	.9664	1.5289
399	244.2	1.889	.5294	372.7	1200.4	827.7	743.2	1115.0	.5638	.9641	1.5279
400	247.0	1.868	0.535	373.7	1200.5	826.8	742.2	1115.1	0.5650	0.9619	1.5269
405	261.3	1.768	.566	379.1	1201.0	821.9	737-3	1115.4	.5711	.9507	1.5218
410	276.3	1.675	-597	384.4	1201.4	817.0	732.3	1115.7	.5772	.9395	1.5167
415	292.0	1.587	.630	389.8	1201.7	812.0	727.2	1115.9	.5833	.9284	1.5117
420	308.3	1.504	.664	395.1	1202.0	806.9	722.1	1116.1	.5894	.9173	1.5067
425	325.4	1.427	0.701	400.5	1202.2	801.7	716.9	1116.3	0.5954	0.9063	1.5017
430	343.I	1.354	•739	405.9	1202.4	796.5	711.7	1116.4	.6014	.8953	1.4967
435	361.6	1.285	.778	411.4	1202.5	791.2	706.4	1116.5	.6074	.8844	1.4918
440	380.9	1.221	.819	416.8	1202.6	785.8	701.1	1116.5	.6134	.8735	1.4868
	0 0								C		
445	400.9	1.160	.862	422.2	1202.5	780.3	695.7	1116.5	.6193	.8626	1.4819

								-	- 01120		43
Temp.,	Pressure,	Volume,	Weight,	Heat in l	content B.t.u.		t heat 3.t.u.	Energy		Entropy	
° F.	sq. in.	per lb.	cu. ft.	of liquid	of vapor	of vapor- ization	Inter- nal	B.t.u.	of liquid	of vapor- ization	of vapor
t	р	▼"	I/V"	i'	i*	r	م	u"	s'	r/T	s"
450	421.7	1.102	0.907	427.7	1202.5	774.8	690.2	1116.4	0.6252	0.8518	1.4770
455	443.4	1.048	0.954	433.2	1202.3	769.1	684.7	1116.2	.6311	.8410	1.4721
460	465.9	0.997	1.003	438.7	1202.1	763.4	679.1	1116.1	.6370	.8302	1.4672
465	489.2	.949	1.054	444.2	1201.8	757.6	673.5	1115.8	.6429	.8194	1.4623
470	513.5	.903	1.107	449.7	1201.5	751.8	667.8	1115.5	.6488	.8087	1.4575
475	538.7	0.860	1.162	455.2	1201.0	745.8	662.0	1115.2	0.6546	0.7980	1.4526
480	564.8	.820	1.220	460.8	1200.6	739.8	656.2	1114.8	.6604	.7873	1.4478
485	591.9	.781	1.280	466.4	1200.0	733.6	650.3	1114.4	.6662	.7767	1.4429
490	619.9	.744	1.343	472.0	1199.4	727.4	644.3	1113.9	.6720	.7660	1.4380
495	649.0	.710	1.409	477.6	1198.7	721.1	638.2	1113.4	.6778	.7554	1.4332
500	679	0.677	1.477	483.2	1197.9	714.7	632.1	1112.8	0.684	0.7448	1.4283
510	743	.616	1.62	494.6	1196.2	701.6	619.7	1111.4	.695	.724	1.419
520	810	.561	1.78	506.1	1194.1	688.o	606.9	1109.8	.707	.702	1.409
530	883	.512	1.95	517.7	1191.7	674.0	593.8	1108.0	.718	.681	1.399
540	960	.468	2.14	529.4	1189.0	659.7	580.4	1105.9	.729	.660	1.389
550	1043	0.427	2.34	541.2	1186.0	644.8	566.6	1103.6	0.741	0.639	1.379
560	1131	.390	2.56	553.2	1182.7	629.5	552.6	1101.0	.752	.617	1.369
570	1224	.357	2.80	565.5	1178.9	613.4	538.4	1098.0	.764	.596	1.360
580	1323	.326	3.07	578.2	1174.6	596.4	522.2	1094.8	.776	∙574	1.350
590	1429	.298	3.36	591.1	1169.7	578.6	506.0	1091.0	.789	.551	1.340
600	1540	0.272	3.68	604.5	1164.2	559-7	488.9	1086.7	0.801	0.528	1.330
610	1659	.248	4.04	618	1158	540	471	1082		.505	
620	1784	.226	4.43	633	1151	518	452	1077		.480	
630	1917	.205	4.88	648	1143	495	431	1071		.455	
640	2057	.186	5.38	664	1134	470	409	1064		.428	
650	2205	0.168	5.95	681	1124	443	385	1056		0.399	
660	2361	.151	6.6	700	III2	412	358	1047		.368	
670	2526	.134	7.4	721	1098	377	327	1036		.333	
680	2699	.118	8.5	745	1080	335	290	1021	1	.294	
690	2882	.101	9.9	776	1056	280	243	1002		.244	
700	3075	.080	12.5	820	1018	198	171	972		.170	
706.3	3200	0.048	20.9	921	921	0	0	893		0	
19		,						20		54	

Pres- sure		<b>1</b> [101.8]			2 [126.1]			<b>3</b> [141.5]			<b>4</b> [153.0]	
Temp	v	s	i	▼	s	i	▼	s	ı	<b>v</b>	s	i
Sat.	333.3	1.9775	1105.4	173.6	1.9203	1116.2	118.7	1.8871	1122.9	90.6	1.8637	1127.9
150 160	362.2 368.2	2.0160	1127.9	180.8	1.9390	1127.4	120.4	1.8937	1126.9	91.7	1.8691	1131.2
170	374.2	2.0310	1137.1	186.8	1.9540	1136.7	124.4	1.9088	1136.3	93.2	1.8766	1135.9
180	380.1 386.1	2.0382	1141.7	189.8	1.9613	1141.3	126.4	1.9161	1145.6	94.7 96.2	1.8840	1140.5
200	392.1	2.0524	1150.9	195.8	1.9756	1150.6	130.4	1.9304	1150.2	97.7	1.8984	1149.9
210	398.1	2.0593	1155.5	198.8	1.9825	1155.2	132.4	1.9374	1154.9	99.2	1.9054	1154.5
220 230	410.0	2.0728	1164.7	204.8	1.9961	1164.4	136.4	1.9511	1159.5	100.8	1.9123	1159.2
240	416.0	2.0794	1169.3	207.8	2.0027	1169.0	138.5	1.9577	1168.7	103.8	1.9257	1168.5
250	421.9	2.0859	1173.8	210.8	2.0092	1173.6	140.5	1.9643	1173.3	105.3	1.9323	1173.1
260	427.9	2.0923	1178.4	213.8	2.0156	1178.2	142.5	1.9707	1177.9	106.8	1.9387	1177.7
270 280	433·9 439.8	2.0986	1183.0	216.8	2.0220	1182.8	144.5	1.9770	1182.5	108.3	1.9451	1182.3
290	439.8	2.1110	1192.1	222.8	2.0343	1191.9	148.4	1.9895	1191.7	111.3	1.9514	1191.5
300		2.1170	1196.7	225.8	2.0404	1196.5	150.4	1.9956	1196.3	112.8	1.9637	
310	451.7 457.7	2.1170	1201.3	228.8	2.0464	1201.1	152.4	2.0016	1200.9	114.3	1.9697	1196.1
320	463.6	2.1289	1205.9	231.8	2.0523	1205.7	154.4	2.0075	1205.5	115.8	1.9756	1205.3
330	469.6	2.1348	1210.5	234.7	2.0582	1210.3	156.4	2.0133	1210.1	117.3	1.9814	1209.9
340	475-5	2,1406	1215.1	237.7	2.0640	1214.9	158.4	2.0191	1214.7	118.8	1.9872	1214.6
350	481.5	2.1463	1219.6	240.7	2.0697	1219.5	160.4	2.0249	1219.3	120.3	1.9930	1219.2
400	511.3	2.1738	1242.6	255.6	2.0973	1242.5	170.4	2.0526	1242.4	127.7	2.0207	1242.2
450 500	541.1 570.8	2.2000	1265.7	270.5	2.1235	1265.6	180.3	2.0788	1265.5	135.2	2.0470	1265.4
550	600.6	2.2486	1312.4	300.3	2.1722	1312.3	200.2	2.1274	1312.3	150.1	2.0957	1312.2
23-												
		_						-				
		<b>5</b> [162.3]			6 [170.1]			<b>7</b> [176.8]			<b>8</b> [182.9]	
Sat.	73.5	[162.3]	1131.7	62.0	1.8308	1135.0	53.7	[176.8]	1137.8	47.4	8	1140.3
Sat. 180	73·5 75·7 76.9	[162.3]	1131.7 1140.1 1144.8	62.0 63.0 64.0	[170.1]	1135.0 1139.7 1144.5	53·7 53·9 54·8	[176.8]	1137.8 1139.3 1144.1		<b>8</b> [182.9]	
180	75·7 76.9	[162.3] 1.8456 1.8589 1.8662	1140.1	63.0 64.0	[170.1] 1.8308 1.8383 1.8456	1139.7	53.9 54.8	[176.8] 1.8184 1.8208 1.8282	1139.3	47.4	8 [182.9] 1.8077  1.8130	1140.3
180	75.7	[162.3] 1.8456 1.8589	1140.1	63.0	[170.1] 1.8308 1.8383	1139.7	53.9	[176.8] 1.8184 1.8208	1139.3	47.4	8 [182.9] 1.8077 1.8130 1.8202 1.8274	1140.3
180 190 <b>200</b>	75.7 76.9 78.1 79.3 80.5	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873	1140.1 1144.8 1149.5 1154.2 1158.9	63.0 64.0 65.0 66.0 67.0	[170.1] 1.8308 1.8383 1.8456 1.8528 1.8599 1.8668	1139.7 1144.5 1149.2 1153.9 1158.5	53.9 54.8 55.7 56.6 57.4	[176.8] 1.8184 1.8208 1.8282 1.8354 1.8425 1.8495	1139.3 1144.1 1148.8 1153.5 1158.2	47·4  47·9 48·7 49·4 50·2	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344	1140.3  1143.7 1148.4 1153.2 1157.9
180 190 <b>200</b> 210 220 230	75.7 76.9 78.1 79.3 80.5 81.7	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5	63.0 64.0 65.0 66.0 67.0 68.1	[170.1] 1.8308 1.8383 1.8456 1.8528 1.8599 1.8668 1.8737	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2	53.9 54.8 55.7 56.6 57.4 58.3	1.8184 1.8208 1.8282 1.8354 1.8425 1.8495 1.8563	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9	47.4  47.9 48.7 49.4 50.2 51.0	8 [182.9] 1.8077  1.8130 1.8202 1.8274 1.8344 1.8412	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6
180 190 <b>200</b> 210 220 230 240	75.7 76.9 78.1 79.3 80.5 81.7 83.0	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941 1.9008	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2	63.0 64.0 65.0 66.0 67.0 68.1 69.1	[170.1] 1.8308 1.8383 1.8456 1.8528 1.8599 1.8668 1.8737 1.8804	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2 1167.9	53.9 54.8 55.7 56.6 57.4 58.3 59.2	1.8184 1.8208 1.8282 1.8354 1.8425 1.8495 1.8563 1.8631	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6	47.4  47.9 48.7 49.4 50.2 51.0 51.7	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3
180 190 200 210 220 230 240 250	75.7 76.9 78.1 79.3 80.5 81.7 83.0	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941 1.9008	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2	63.0 64.0 65.0 66.0 67.0 68.1 69.1	[170.1] 1.8308 1.8383 1.8456 1.8528 1.8599 1.8668 1.8737 1.8804 1.8870	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2 1167.9	53.9 54.8 55.7 56.6 57.4 58.3 59.2	[176.8] 1.8184 1.8208 1.8282 1.8354 1.8425 1.8495 1.8563 1.8697	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6	47.4  47.9 48.7 49.4 50.2 51.0 51.7	8 [182.9] 1.8077  1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3
180 190 200 210 220 230 240 250 260	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.9008 1.9074 1.9139	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2	63.0 64.0 65.0 66.0 67.0 68.1 69.1	[170.1] 1.8308 1.8383 1.8456 1.8528 1.8599 1.8668 1.8737 1.8804 1.8870 1.8935	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2 1167.9	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9	[176.8] 1.8184 1.8208 1.8282 1.8354 1.8425 1.8495 1.8563 1.8631 1.8697 1.8762	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3	8 [182.9] 1.8077  1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3
180 190 200 210 220 230 240 250 260 270	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941 1.9008 1.9074 1.9139 1.9202	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1	63.0 64.0 65.0 66.0 67.0 68.1 70.1 71.1 72.1	[170.1] 1.8308 1.8383 1.8456 1.8528 1.8599 1.8668 1.8737 1.8804 1.8870 1.8935 1.8999	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2 1167.9 1172.5 1177.2 1181.8	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8	[176.8] 1.8184 1.8208 1.8282 1.8354 1.8425 1.8563 1.8631 1.8697 1.8762 1.8826	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0	8 [182.9] 1.8077  1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3
180 190 200 210 220 230 240 250 260 270 280 290	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941 1.9008 1.9074 1.9139 1.9202 1.9265 1.9327	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2	63.0 64.0 65.0 66.0 67.0 68.1 69.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9062 1.9124	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2 1167.9 1172.5 1177.2 1181.8 1186.5 1191.1	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8631 1.8697 1.8762 1.8826 1.8890 1.8952	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5	8 [182.9] 1.8077  1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677 1.8740 1.8802	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7
180 190 200 210 220 230 240 250 260 270 280	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941 1.9008 1.9074 1.9139 1.9202 1.9265	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3	63.0 64.0 65.0 66.0 67.0 68.1 69.1 70.1 71.1 72.1 73.1	[170.1] 1.8308 1.8383 1.8456 1.8528 1.8599 1.8668 1.8737 1.8804 1.8870 1.8935 1.8999 1.9062	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2 1167.9 1172.5 1177.2 1181.8 1186.5	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5	[176.8]  1.8184  1.8208 1.8282 1.8354 1.8425 1.8563 1.8631 1.8697 1.8762 1.8826 1.8890	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677 1.8740 1.8802 1.8864	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1181.3 1186.0
180 190 200 210 220 230 240 250 260 270 280 290	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941 1.9008 1.9074 1.9139 1.9202 1.9265 1.9327 1.9389 1.9449	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3	63.0 64.0 65.0 66.0 67.0 68.1 69.1 70.1 71.1 72.1 73.1 74.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.8999 1.9062 1.9124 1.9185 1.9246	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1172.5 1181.8 1186.5 1191.1	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8637 1.8762 1.8826 1.8890 1.8952 1.9013 1.9074	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9	47.4  47.9 48.7 49.4 50.2 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.0	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677 1.8740 1.8802 1.8864 1.8925	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7
180 190 200 210 220 230 240 250 260 270 280 290 310 320	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0	[162.3]  1.8456  1.8589 1.8662  1.8734 1.8804 1.8873 1.9008  1.9074 1.9139 1.9202 1.9265 1.9327  1.9389 1.9449 1.9509	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3	63.0 64.0 65.0 66.0 67.0 68.1 70.1 72.1 73.1 74.1 75.1 76.1 77.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9062 1.9124  1.9185 1.9246 1.9306	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1172.5 1177.2 1181.8 1186.5 1191.1	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5 64.4 65.2 66.1	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8631 1.8697 1.8762 1.88290 1.8952  1.9013 1.9074 1.9134	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1176.9 1181.6 1186.2 1190.9	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.8 55.5	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8673 1.8674 1.8740 1.8802 1.8864 1.8925 1.8985	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7
180 190 200 210 220 230 240 250 260 270 280 290 310 320 330	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.9008 1.9074 1.9139 1.9202 1.9262 1.9327 1.9389 1.9449 1.9509 1.9568	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3	63.0 64.0 65.0 66.0 67.0 68.1 69.1 70.1 71.1 73.1 74.1 75.1 76.1 77.1 78.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9062 1.9124 1.9185 1.9246 1.9366 1.9365	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1172.5 1177.2 1181.8 1186.5 1191.1	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5 64.4 65.2 66.1 66.9	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8637 1.8762 1.8826 1.8895 1.9013 1.9074 1.9134 1.9193	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1180.9 1195.5 1200.1 1204.8 1209.4	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.0 57.8 58.6	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677 1.8740 1.8802 1.8864 1.8925 1.8925 1.8985 1.9044	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7
180 190 200 210 220 230 240 250 260 270 280 290 310 320 330 340	75.7 76.9 78.1 79.3 80.5; 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8 95.0	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8894 1.8998 1.9074 1.9139 1.9202 1.9265 1.9327 1.9389 1.9449 1.9509 1.9568 1.9626	1140.1 1144.8 1149.5 1154.2 1158.9 1163.9 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3 1195.9 1200.5 1205.2 1209.8 1214.4	63.0 64.0 65.0 66.0 67.0 68.1 70.1 71.1 72.1 73.1 74.1 75.1 76.1 77.1 78.1 79.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9902 1.9124  1.9185 1.9246 1.9306 1.9365 1.9423	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1172.5 1181.8 1186.5 1191.1 1195.7 1200.3 1205.0 1214.2	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5 64.4 65.2 66.1 66.9 67.8	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8637 1.8762 1.8826 1.8890 1.8952  1.9013 1.9074 1.9134 1.9193 1.9252	1139.3 1144.1 1148.8 1153.5 1152.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9 1195.5 1200.1 1204.8 1209.4 1214.1	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.0 57.8 58.6 59.3	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677 1.8740 1.8802 1.8864 1.8925 1.9985 1.9044 1.9103	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7 1195.3 1199.9 1204.6 1209.2 1213.9
180 190 200 210 220 230 240 250 260 270 280 290 310 320 330 340	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8 95.0	[162.3]  1.8456  1.8589 1.8662  1.8734 1.8804 1.8873 1.9008  1.9074 1.9139 1.9202 1.9265 1.9327  1.9389 1.9449 1.9509 1.9568 1.9626 1.9683	1140.1 1144.8 1149.5 1154.2 1158.2 1163.5 1168.5 1177.4 1182.1 1186.7 1191.3 1195.9 1200.5 1205.2 1209.8 1214.4	63.0 64.0 65.0 66.0 67.0 68.1 70.1 72.1 73.1 74.1 75.1 76.1 77.1 78.1 79.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9062 1.9124  1.9185 1.9246 1.9306 1.9305 1.9423 1.9480	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1177.2 1181.8 1186.5 1191.1 1195.7 1200.3 1205.0 1209.6 1214.2	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.9 61.8 62.6 63.5 64.4 65.2 66.1 66.9 67.8 68.7	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8637 1.8762 1.88290 1.8952  1.9013 1.9074 1.9134 1.9193 1.9252 1.9309	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9 1195.5 1200.1 1204.8 1209.4 1214.1	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 55.5 56.3 57.0 57.8 58.6 59.3 60.1	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8673 1.8673 1.8740 1.8802 1.8864 1.8925 1.8985 1.9044 1.9103	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7
180 190 200 210 220 230 240 250 260 270 280 290 310 320 330 340	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8 95.0 96.2	[162.3]  1.8456  1.8589 1.8662  1.8734 1.8804 1.8873 1.9908  1.9074 1.9139 1.9202 1.9265 1.9327  1.9389 1.9449 1.9568 1.9626 1.9683 1.960	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3 1195.9 1200.5 1205.2 1209.8 1214.4	63.0 64.0 65.0 66.0 67.0 68.1 69.1 70.1 71.1 73.1 74.1 75.1 76.1 77.1 78.1 79.1 80.1 85.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9962 1.9124  1.9185 1.9246 1.9366 1.9365 1.9423 1.9480 1.9758	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1172.5 1177.2 1171.5 1177.2 1181.8 1181.8 1186.5 1191.1 1195.7 1200.3 1205.0 1209.6 1214.2	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.8 62.6 63.5 64.4 66.2 66.9 67.8 68.7 72.9	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8631  1.8697 1.8762 1.8826 1.8895 1.9013 1.9074 1.9134 1.9193 1.9252 1.9309 1.9387	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9 1195.5 1200.1 1204.8 1209.4 1214.1	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.0 57.8 58.6 59.3 60.1 63.8	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8613 1.8677 1.8740 1.8802 1.8864 1.8925 1.8985 1.9044 1.9103	1140.3 
180 190 200 210 220 230 240 260 270 280 290 310 320 330 340 450	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8 95.0 96.2 102.2 108.2	[162.3]  1.8456  1.8589 1.8662  1.8734 1.8804 1.8873 1.8941 1.9008  1.9074 1.9139 1.9202 1.9265 1.9327  1.9389 1.9449 1.9508 1.9568 1.9626  1.9683 1.9960 2.0223	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3 1195.9 1200.5 1205.2 1209.8 1214.4	63.0 64.0 65.0 66.0 67.0 68.1 70.1 71.1 72.1 73.1 74.1 75.1 76.1 77.1 77.1 78.1 79.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9942 1.9185 1.9246 1.9365 1.9326 1.9326 1.9325 1.9423 1.9480 1.9758 2.0021	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1177.2 1181.8 1186.5 1191.1 1195.7 1200.3 1205.0 1209.6 1214.2	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5 64.4 65.2 66.9 67.8 68.7 72.9 77.2	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8637 1.8762 1.88290 1.8952  1.9013 1.9074 1.9134 1.9193 1.9252 1.9309	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9 1195.5 1200.1 1204.8 1214.1 1218.7 1241.9 1241.9	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.8 58.6 59.3 60.1 63.8 67.6	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677 1.8740 1.8802 1.8864 1.8925 1.9044 1.9103 1.9160 1.9438 1.9702	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7
180 190 200 210 220 230 240 250 260 270 280 290 310 320 330 340	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8 95.0 96.2	[162.3]  1.8456  1.8589 1.8662  1.8734 1.8804 1.8873 1.9908  1.9074 1.9139 1.9202 1.9265 1.9327  1.9389 1.9449 1.9568 1.9626 1.9683 1.960	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1168.2 1172.8 1177.4 1182.1 1186.7 1191.3 1195.9 1200.5 1205.2 1209.8 1214.4	63.0 64.0 65.0 66.0 67.0 68.1 69.1 70.1 71.1 73.1 74.1 75.1 76.1 77.1 78.1 79.1 80.1 85.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9962 1.9124  1.9185 1.9246 1.9366 1.9365 1.9423 1.9480 1.9758	1139.7 1144.5 1149.2 1153.9 1163.2 1167.9 1172.5 1177.2 1181.8 1186.5 1191.1 1195.7 1200.3 1205.0 1209.6 1214.2	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.8 62.6 63.5 64.4 66.2 66.9 67.8 68.7 72.9	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8637 1.8762 1.8826 1.8890 1.8952 1.9013 1.9013 1.9134 1.9133 1.9252 1.9309 1.9387 1.93850	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9 1195.5 1200.1 1204.8 1209.4 1214.1	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.0 57.8 58.6 59.3 60.1 63.8	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8613 1.8677 1.8740 1.8802 1.8864 1.8925 1.8985 1.9044 1.9103	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7 1195.3 1199.2 1204.6 1209.2 1213.9
180 190 200 210 220 230 240 250 260 270 280 290 310 320 330 340 400 450 500	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8 95.0 96.2 102.2 108.2 114.1	[162.3] 1.8456 1.8589 1.8662 1.8734 1.8804 1.8873 1.8941 1.9008 1.9202 1.9265 1.9327 1.9389 1.9568 1.9568 1.96683 1.9683 1.9683 1.9683 2.0223 2.0472	1140.1 1144.8 1149.5 1154.2 1158.2 1172.8 1177.4 1182.1 1186.7 1191.3 1195.9 1200.5 1205.2 1209.8 1214.4 1214.4 1214.1	63.0 64.0 65.0 66.0 67.0 68.1 70.1 71.1 72.1 73.1 74.1 75.1 76.1 77.1 78.1 79.1 80.1 85.1 90.1	[170.1]  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9962 1.9124  1.9185 1.9246 1.9365 1.9423 1.9480 1.9758 2.0021 2.0271	1139.7 1144.5 1149.2 1153.9 1158.5 1163.2 1167.9 1172.5 1181.8 1186.5 1191.1 1195.7 1200.3 1205.0 1214.2 1214.2 1214.2 1224.0	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.0 60.9 61.8 62.6 63.5 64.4 65.2 66.1 66.9 67.8 68.7 772.9 81.5	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8637 1.8762 1.8826 1.8890 1.8952 1.9013 1.9074 1.9133 1.9252 1.9309 1.9587 1.9850 2.0100	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9 1195.5 1200.1 1204.8 1214.1 1214.1 1214.1 1214.9	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.0 57.8 58.6 59.3 60.1 63.8 67.6 71.3	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8480 1.8547 1.8613 1.8677 1.8740 1.8802 1.8864 1.9925 1.9044 1.9103	1140.3 
180 190 200 210 220 230 240 250 260 270 280 290 310 320 330 340 450 500 550	75.7 76.9 78.1 79.3 80.5 81.7 83.0 84.2 85.4 86.6 87.8 89.0 90.2 91.4 92.6 93.8 95.0 96.2 102.2 108.2 114.1 120.1	[162.3]  1.8456  1.8589 1.8662  1.8734 1.8804 1.8873 1.9908  1.9074 1.9139 1.9202 1.9265 1.9327  1.9389 1.9449 1.9509 1.9568 1.9626  1.9683 1.9960 2.0223 2.0710	1140.1 1144.8 1149.5 1154.2 1158.9 1163.5 1172.8 1177.4 1182.1 1186.7 1191.3 1195.9 1200.5 1205.2 1209.8 1214.4 1219.0 1242.1 1265.3 1288.7 1312.2	63.0 64.0 65.0 66.0 67.0 68.1 70.1 72.1 73.1 74.1 75.1 76.1 77.1 78.1 79.1 80.1 85.1 90.1 95.1 100.0	[170.1]  1.8308  1.8308  1.8383 1.8456  1.8528 1.8599 1.8668 1.8737 1.8804  1.8870 1.8935 1.9962 1.9124  1.9185 1.9246 1.9366 1.9365 1.9423  1.9480 1.9758 2.0021 2.0509	1139.7 1144.5 1149.2 1153.9 1158.5 1167.9 1177.2 1177.2 1177.2 1181.8 1186.5 1191.1 1195.7 1200.3 1205.0 1214.2 1218.9 1242.0 1265.2 1288.6 1312.1	53.9 54.8 55.7 56.6 57.4 58.3 59.2 60.9 61.8 62.6 63.5 64.4 66.9 67.8 68.7 72.9 77.2 81.5 85.8	[176.8]  1.8184  1.8208 1.8282  1.8354 1.8425 1.8495 1.8563 1.8631  1.8697 1.8762 1.8826 1.88952 1.9013 1.9074 1.9134 1.9193 1.9252 1.9309 1.9587 1.9389 2.0100 2.0338	1139.3 1144.1 1148.8 1153.5 1158.2 1162.9 1167.6 1172.3 1176.9 1181.6 1186.2 1190.9 1195.5 1200.1 1204.8 1209.4 1214.1 1218.7 1241.9 1265.1 1288.5 1312.0	47.4  47.9 48.7 49.4 50.2 51.0 51.7 52.5 53.3 54.0 54.8 55.5 56.3 57.0 57.8 58.6 59.3 60.1 63.8 67.6 71.3 75.0	8 [182.9] 1.8077 1.8130 1.8202 1.8274 1.8344 1.8412 1.8613 1.8673 1.8674 1.8740 1.8802 1.8864 1.8925 1.8985 1.9044 1.9103 1.9160 1.9438 1.9702 1.9952 2.0191	1140.3  1143.7 1148.4 1153.2 1157.9 1162.6 1167.3 1172.0 1176.7 1181.3 1186.0 1190.7 1195.3 1199.9 1204.6 1209.2 1213.9

Pres- sure		9 [188.3]			10 [193.2]			<b>11</b> [197.8]			12 [202.0]	
Temp	v	8	i	v	s	i	v	8	i	v	s	i
Sat.	42.4	1.7982	1142.5	38.43	1.7897	1144.4	35.16	1.7821	1146.2	32.41	1.7751	1147.9
200 210 220 230	43.2 43.9 44.6 45.3	1.8068 1.8140 1.8210 1.8279	1148.1 1152.9 1157.6 1162.3	38.85 39.47 40.09 40.70	1.7947 1.8019 1.8090 1.8159	1147.7 1152.5 1157.2 1162.0	35.28 35.84 36.41 36.97	1.7838 1.7910 1.7981 1.8051	1147.3 1152.1 1156.9 1161.7	32.82 33.34 33.86	1.7810 1.7881 1.7951	1151.7
240	45.9	1.8347	1167.0	41.32	1.8227	1166.7	37.53	1.8119	1166.4	34.37	1.8019	1166.1
250 260 270 280 290	46.6 47.3 48.0 48.7 49.3	1.8414 1.8480 1.8544 1.8608 1.8670	1171.7 1176.4 1181.1 1185.8 1190.4	41.93 42.54 43.15 43.76 44.37	1.8294 1.8360 1.8425 1.8489 1.8552	1171.4 1176.1 1180.8 1185.5 1190.2	38.09 38.65 39.20 39.76 40.31	1.8186 1.8252 1.8317 1.8381 1.8444	1171.1 1175.9 1180.6 1185.3 1190.0	34.89 35.40 35.91 36.42 36.93	1.8087 1.8154 1.8219 1.8283 1.8346	1170.9 1175.6 1180.3 1185.0 1189.8
300 310 320 330 340	50.0 50.7 51.4 52.0 52.7	1.8732 1.8793 1.8853 1.8912 1.8971	1195.1 1199.7 1204.4 1209.1 1213.7	44.98 45.58 46.19 46.79 47.40	1.8614 1.8675 1.8735 1.8794 1.8853	1194.9 1199.5 1204.2 1208.9 1213.5	40.87 41.42 41.97 42.52 43.07	1.8506 1.8567 1.8628 1.8688 1.8747	1194.7 1199.3 1204.0 1208.7 1213.4	37.44 37.95 38.46 38.96 39.47	1.8408 1.8469 1.8530 1.8590 1.8649	1194.5 1199.1 1203.8 1208.5 1213.2
350 360 370 380 390	53.4 54.1 54.7 55.4 56.0	1.9029 1.9086 1.9142 1.9198 1.9253	1218.4 1223.0 1227.6 1232.2 1236.9	48.00 48.61 49.21 49.82 50.42	1.8911 1.8968 1.9025 1.9081 1.9136	1218.2 1222.8 1227.4 1232.1 1236.8	43.62 44.17 44.72 45.27 45.82	1.8805 1.8862 1.8919 1.8975 1.9030	1218.0 1222.6 1227.3 1232.0 1236.7	39.97 40.47 40.98 41.48 41.99	1.8707 1.8764 1.8821 1.8877 1.8932	1217.9 1222.5 1227.2 1231.9 1236.5
400 450 500 550 600	56.7 60.0 63.4 66.7	1.9308 1.9571 1.9822 2.0061 2.0290	1241.6 1264.9 1288.3 1311.9 1335.6	51.02 54.02 57.02 60.01 63.00	1.9190 1.9454 1.9705 1.9944 2.0174	1241.5 1264.8 1288.3 1311.8 1335.6	46.37 49.10 51.83 54.55 57.27	1.9084 1.9348 1.9599 1.9839 2.0069	1241.4 1264.7 1288.2 1311.8 1335.5	42.49 45.00 47.50 50.00 52.49	1.8987 1.9251 1.9503 1.9742 1.9972	1241.2 1264.6 1288.1 1311.7 1335.5
		1 -11 - 1	-333.5		/-	-555	377	-1000	-333-3	0 .5	-1997-	-333-3
		13 [205.9]	-333.		14 [209.6]	2333**	377	15 [213.0]	-33373		16 [216.3]	-333.3
	30.07	13	1149.4	28.06	14	1150.8	26.30	15	1152.2	24.76	16	1153.4
		13 [205.9]			<b>14</b> [209.6]			<b>15</b> [213.0]			16 [216.3]	
Sat. 210 220 230	30.07 30.27 30.74 31.22	13 [205.9] 1.7687 1.7717 1.7789 1.7859	1149.4 1151.4 1156.2 1161.0	28.06 28.07 28.52 28.97	14 [209.6] 1.7628 1.7631 1.7703 1.7774	1150.8 1151.0 1155.9 1160.7	26.30  26.59 27.01	15 [213.0] 1.7573  1.7623 1.7694	1152.2  1155.5 1160.4	24.76  24.91 25.30	16 [216.3] 1.7521  1.7548 1.7619	1153.4  1155.2 1160.1
Sat. 210 220 230 240 250 260 270 280	30.07 30.27 30.74 31.22 31.70 32.18 32.65 33.13 33.60	13 [205.9] 1.7687 1.7717 1.7789 1.7859 1.7928 1.7996 1.8063 1.8128 1.8192	1149.4 1151.4 1156.2 1161.0 1165.8 1170.6 1175.3 1180.1 1184.8	28.06 28.07 28.52 28.97 29.41 29.86 30.30 30.74 31.18	14 [209.6] 1.7628 1.7631 1.7703 1.7774 1.7843 1.7911 1.7978 1.8043 1.8108	1150.8 1151.0 1155.9 1160.7 1165.5 1170.3 1175.1 1179.8 1184.6	26.30 26.59 27.01 27.43 27.84 28.26 28.67 29.08	15 [213.0] 1.7573  1.7623 1.7694 1.7763 1.7831 1.7898 1.7964 1.8029	1152.2  1155.5 1160.4 1165.2 1170.0 1174.8 1179.6 1184.3 1189.1 1193.8 1198.5 1203.2	24.76  24.91 25.30 25.69 26.08 26.47 26.86 27.25	16 [216.3] 1.7521  1.7548 1.7619 1.7689 1.7758 1.7825 1.7891 1.7956	1153.4  1155.2 1160.1 1164.9 1169.7 1174.5 1179.3 1184.1
Sat.  210 220 230 240 250 260 270 280 290 310 320 330	30.07 30.27 30.74 31.22 31.70 32.18 32.65 33.13 33.60 34.07 34.54 35.91	13 [205.9] 1.7687 1.7717 1.7789 1.7859 1.7928 1.7996 1.8063 1.8192 1.8255 1.8317 1.8379 1.8440 1.8500	1149.4 1151.4 1156.2 1161.0 1165.8 1170.6 1175.3 1184.8 1184.8 1189.5	28.06 28.07 28.52 28.97 29.41 29.86 30.30 30.74 31.18 31.62 32.06 32.50 32.93 33.37	14 [209.6] 1.7628 1.7631 1.7703 1.7774 1.7843 1.7911 1.7978 1.8043 1.8108 1.8108 1.8101 1.8234 1.8296 1.8357 1.8417	1150.8 1151.0 1155.9 1160.7 1165.5 1170.3 1175.1 1179.4.6 1189.3 1194.0 1198.7 1203.4 1208.1	26.30  26.59 27.01 27.43 27.84 28.26 28.67 29.08 29.49 29.90 30.31 30.72 31.13	15 [213.0] 1.7573  1.7623 1.7694 1.7763 1.7898 1.7898 1.8029 1.8029 1.8029 1.8029 1.8217 1.82278 1.8238	1152.2  1155.5 1160.4 1165.2 1170.0 1174.8 1179.6 1184.3 1189.1 1193.8 1198.5 1203.2	24.76  24.91 25.30 25.69 26.08 26.47 26.85 27.25 27.64 28.02 28.41 28.79 29.17	16 [216.3] 1.7521  1.7548 1.7619 1.7689 1.7758 1.7825 1.7895 1.7956 1.8020 1.8083 1.8145 1.8206 1.8266	1153.4  1155.2 1160.1 1164.9 1169.7 1174.5 1179.3 1184.1 1188.8
Sat. 210 220 230 240 250 260 270 280 290 310 320 330 340 350 360 370 380	30.07 30.27 30.74 31.22 31.70 32.18 32.65 33.13 33.60 34.07 34.54 35.01 35.48 35.95 36.42 36.89 37.35 37.35 37.35 38.28	13 [205.9] 1.7687 1.7717 1.7789 1.7859 1.7928 1.8963 1.8128 1.8192 1.8255 1.8317 1.8379 1.8440 1.8559 1.8617 1.8675 1.8732 1.8732 1.8732	1149.4 1151.4 1156.2 1161.0 1165.8 1175.3 1180.1 1184.8 1189.5 1194.2 1198.9 1203.6 1213.0 1217.7 1222.4 1227.1 1231.8	28.06 28.07 28.52 29.41 29.86 30.30 30.74 31.18 31.62 32.06 32.50 32.93 33.37 33.87 34.24 34.67 35.10 35.54	14 [209.6] 1.7628 1.7631 1.7703 1.7774 1.7843 1.7918 1.8043 1.8108 1.8171 1.8234 1.8296 1.8357 1.8476 1.8534 1.8592 1.8534 1.8592 1.8649 1.8795	1150.8 1151.0 1155.9 1160.7 1175.1 1179.8 1184.6 1189.3 1194.0 1198.7 1203.4 1208.1 1212.8 1217.5 1222.2 1226.9 1231.6	26.30  26.59 27.01 27.43 27.84 28.26 28.67 29.08 29.49 29.90 30.31 30.72 31.13 31.54 31.94 32.35 32.75 33.16	15 [213.0] 1.7573  1.7623 1.7694 1.7763 1.7831 1.7898 1.8029 1.8029 1.8029 1.8278 1.8278 1.8338 1.8397 1.8456 1.8514 1.8571 1.8627	1152.2 1155.5 1160.4 1165.2 1170.0 1174.8 1179.6 1184.3 1189.1 1193.8 1198.5 1203.2 1202.7 1212.7 1212.1 1226.8 1231.5	24.76  24.91 25.30 25.69 26.08 26.47 26.86 27.25 27.64 28.02 28.41 28.79 29.17 29.55 29.93 30.31 30.69 31.07	16 [216.3] 1.7521  1.7548 1.7619 1.7689 1.7758 1.7825 1.7891 1.7956 1.8020 1.8083 1.8145 1.8206 1.8236 1.8344 1.8442 1.8442 1.8499 1.8555	1153.4  1155.2 1160.1 1164.9 1169.7 1174.5 1179.3 1184.1 1188.8 1193.6 1198.3 1203.0 1207.8 1212.5 1217.2

Pres- sure		<b>17</b> [219.4]	. 1		18			19 [225.2]			20 [228.0]	
Temp	٧	s	i	v	s	i	v	s	i	V	s	i
Sat.	23.40	1.7473	1154.6	22.18	1.7427	1155.7	21.09	1.7384	1156.7	20.10	1.7343	1157.7
230 240	23.79 24.16	1.7548 1.7618	1159.7 1164.6	22.45	1.7482	1159.4	21.25	1.7418 1.7489	1159.1	20.17	1.7358	1158.7
250	24.53	1.7687	1169.4	23.15	1.7621	1169.1	21.91	1.7558	1168.8	20.80	1.7498	1168.5
260 270	24.90 25.26	1.7755	1174.2	23.50	1.7689	1174.0	22.24	1.7626	1173.7	21.12	1.7566	1173.4
280	25.63	1.7886	1183.8	24.19	1.7820	1183.6	22.90	1.7758	1183.3	21.74	1.7699	1183.1
290	25.99	1.7950	1188.6	24.54	1.7884	1188.4	23.23	1.7822	1188.1	22.06	1.7763	1187.9
300	26.36	1.8013	1193.4	24.88	1.7947	1193.1	23.56	1.7886	1192.9	22.37	1.7827	1192.7
310	26.72 27.08	1.8075	1198.1	25.22	1.8009	1197.9	23.88	1.7948	1197.7	22.99	1.7889	1197.5
330	27.44	1.8196	1207.6	25.91	1.8132	1207.4	24.53	1.8070	1207.2	23.29	1.8012	1207.0
340	27.80	1.8256	1212.3	26.25	1.8191	1212.1	24.85	1.8130	1212.0	23.60	1.8072	1211.8
350	28.16	1.8315	1217.0	26.59	1.8250	1216.9	25.18	1.8189	1216.7	23.91	1.8131	1216.5
360	28.52	1.8373	1221.8	26.93	1.8308	1221.6	25.50	1.8247	1221.4	24.22	1.8189	1221.3
370 380	28.88	1.8430	1226.5	27.27	1.8422	1231.0	25.82	1.8304	1230.9	24.52	1.8246	1226.0
390	29.59	1.8542	1235.9	27.94	1.8478	1235.7	26.46	1.8417	1235.6	25.13	1.8359	1235.5
400	29.95	1.8597	1240.6	28.28	1.8533	1240.4	26.78	1.8472	1240.3	25.44	1.8414	1240.2
450	31.73	1.8863	1264.1	29.96	1.8799	1264.0	28.38	1.8739	1263.9	26.96	1.8681	1263.8
500	33.50	1.9115	1287.7	31.64	1.9052	1287.6	29.97	1.8991	1287.5	28.47	1.8934	1287.4
550	35.27 37.04	1.9356	1311.4	33.31	1.9292	1311.3	31.55	1.9232	1335.1	29.97 31.47	1.9175	1311.1
650	38.80	1.9808	1359.2	36.64	1.9744	1359.1	34.71	1.9684	1359.1	32.97	1.9628	1359.1
700	40.56	2.0021	1383.4	38.30	1.9958	1383.4	36.28	1.9898	1383.3	34.47	1.9841	1383.3
750	42.31	2.0227	1407.8	39.96	2.0164	1407.8	37.85	2.0104	1407.7	35.96	2.0047	1407.7
		<b>21</b> [230.6]			22 [233.1]			23 [235.5]			<b>24</b> [237.8]	
Sat.	19.20	21 [230.6]	1158.7	18.38	22 [233.1]	1159.6	17.64	23 [235.5]	1160.4	16.95	24 [237.8]	1161.3
	19.20	[230.6]	1158.7	18.38	[233.1]	1159.6	17.64	[235-5]	1160.4	16.95	[237.8]	1161.3
Sat. 240	19.49	[230.6] 1.7304 1.7371	1163.3	18.59	[233.1] 1.7267 1.7316	1163.0	17.76	[235.5] 1.7231 1.7264	1162.7	17.01	[237.8]   1.7197   1.7213	1162.4
Sat.		[230.6] 1.7304 1.7371 1.7441			[233.1]			[235.5]			[237.8]	
Sat. 240 250 260 270	19.49 19.79 20.10 20.40	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576	1163.3 1168.2 1173.1 1178.0	18.59 18.88 19.17 19.45	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522	1163.0 1167.9 1172.8 1177.7	17.76 18.04 18.32 18.60	[235.5] 1.7231 1.7264 1.7334 1.7403 1.7470	1162.7 1167.6 1172.6 1177.5	17.01 17.28 17.54 17.81	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420	1162.4 1167.3 1172.3 1177.2
Sat. 240 250 260 270 280	19.49 19.79 20.10 20.40 20.70	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642	1163.3 1168.2 1173.1 1178.0 1182.8	18.59 18.88 19.17 19.45 19.74	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588	1163.0 1167.9 1172.8 1177.7 1182.6	17.76 18.04 18.32 18.60 18.87	[235.5] 1.7231 1.7264 1.7334 1.7403 1.7470 1.7536	1162.7 1167.6 1172.6 1177.5 1182.3	17.01 17.28 17.54 17.81 18.07	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420 1.7486	1162.4 1167.3 1172.3 1177.2 1182.1
Sat. 240 250 260 270 280 290	19.49 19.79 20.10 20.40 20.70 20.99	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642 1.7707	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7	18.59 18.88 19.17 19.45 19.74 20.03	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4	17.76 18.04 18.32 18.60 18.87 19.14	[235.5] 1.7231 1.7264 1.7334 1.7403 1.7470 1.7536 1.7601	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2	17.01 17.28 17.54 17.81 18.07 18.33	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420 1.7486 1.7551	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9
Sat. 240 250 260 270 280 290 300	19.49 19.79 20.10 20.40 20.70 20.99	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642 1.7707	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7	18.59 18.88 19.17 19.45 19.74 20.03	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4	17.76 18.04 18.32 18.60 18.87 19.14	[235.5] 1.7231 1.7264 1.7334 1.7403 1.7470 1.7536 1.7601 1.7665	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2	17.01 17.28 17.54 17.81 18.07 18.33	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420 1.7486 1.7551 1.7615	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9
Sat.  240  250  260  270  280  290  300  310	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642 1.7707 1.7771 1.7833	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1	17.76 18.04 18.32 18.60 18.87 19.14 19.42 19.69	[235.5] 1.7231 1.7264 1.7334 1.7403 1.7470 1.7536 1.7601 1.7665 1.7729	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420 1.7486 1.7551 1.7615 1.7679	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6
Sat.  240  250  260  270  280  290  310  320	19.49 19.79 20.10 20.40 20.70 20.99	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642 1.7707	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7522 1.7653 1.7717 1.7780 1.7842 1.7942	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4	17.76 18.04 18.32 18.60 18.87 19.14	[235.5] 1.7231 1.7264 1.7334 1.7403 1.7470 1.7536 1.7601 1.7665	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2	17.01 17.28 17.54 17.81 18.07 18.33	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420 1.7486 1.7551 1.7615 1.7679 1.7741	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9
Sat.  240  250  260  270  280  290  300  310	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642 1.7707 1.7771 1.7833 1.7895 1.7956	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7842	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9	17.76 18.04 18.32 18.60 18.87 19.14 19.42 19.69 19.96 20.23	[235.5] 1.7231 1.7264 1.7334 1.7403 1.7450 1.7536 1.7665 1.7729 1.7791 1.7852	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420 1.7486 1.7551 1.7615 1.7679	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4
Sat. 240 250 260 270 280 290 310 320 330 340 350	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642 1.7771 1.7833 1.7895 1.7956 1.8016 1.8075	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6	18.59 18.88 19.17 19.45 19.74 20.31 20.59 20.88 21.16 21.44	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7842 1.7903 1.7963	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2	17.76 18.04 18.32 18.60 18.87 19.14 19.42 19.69 20.23 20.50	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7601  1.7665  1.7729  1.7791  1.7852  1.7912	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63	[237.8] 1.7197 1.7213 1.7283 1.7352 1.7420 1.7486 1.7551 1.7615 1.7679 1.7741 1.7803 1.7863	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0
Sat.  240  250 260 270 280 290  300 310 320 330 340  350 360	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.76 23.05	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7771  1.7833  1.7895  1.8016  1.8075  1.8133	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7842 1.7903 1.7963 1.8022 1.8080	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 19.96 20.23 20.50	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7665  1.7729  1.7791  1.7852  1.7912  1.7971  1.8030	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63	[237.8]  1.7197  1.7213  1.7283  1.7352  1.7420  1.7486  1.7551  1.7615  1.7679  1.7741  1.7803  1.7863  1.7922  1.7981	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0
Sat.  240  250  260  270  280  290  310  320  330  340  350  360  370	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.76 23.05 23.34	[230.6] 1.7304 1.7371 1.7441 1.7509 1.7576 1.7642 1.7707 1.7711 1.7833 1.7895 1.8016 1.8075 1.8133 1.8191	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7903 1.7903 1.7963 1.8080 1.8080	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 20.23 20.50  20.77 21.03 21.30	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7601  1.7655  1.7729  1.7952  1.7912  1.7971  1.8030  1.8087	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551 1.7615 1.7679 1.77480 1.7803 1.7982 1.7981 1.8039	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0
Sat.  240  250 260 270 280 290  300 310 320 330 340  350 360	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.76 23.05	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7771  1.7833  1.7895  1.8016  1.8075  1.8133	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7842 1.7903 1.7963 1.8022 1.8080	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 19.96 20.23 20.50	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7665  1.7729  1.7791  1.7852  1.7912  1.7971  1.8030	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63	[237.8]  1.7197  1.7213  1.7283  1.7352  1.7420  1.7486  1.7551  1.7615  1.7679  1.7741  1.7803  1.7863  1.7922  1.7981	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0
Sat.  240  250  260  270  280  290  300  310  320  330  340  350  360  370  380  390	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.47 23.05 23.34 23.64 23.93	[230.6]  1.7304  1.7371  1.7441  1.7576  1.7642  1.7771  1.7833  1.7895  1.7956  1.8016  1.8075  1.8133  1.8191  1.8248  1.8304	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6 1235.3	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56 22.83	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7842 1.7903 1.7963 1.8022 1.8080 1.8138 1.8195 1.8251	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7 1230.4 1235.2	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 19.96 20.23 20.50  20.77 21.03 21.30 21.57 21.84	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7665  1.7729  1.7791  1.7852  1.7912  1.7971  1.8030  1.8087  1.8144  1.8200	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2 1216.0 1220.8 1225.5 1230.3 1235.0	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63 19.89 20.15 20.41 20.66 20.92	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551  1.7615 1.7679 1.7741 1.7803 1.7863  1.7922 1.7981 1.8039 1.8039 1.8153	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1220.6 1225.4 1230.1 1234.9
Sat.  240  250 260 270 280 290  310 320 330 340  350 360 370 380	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.47 22.76 23.05 23.34 23.64	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7707  1.7771  1.7833  1.7895  1.8016  1.8075  1.8133  1.8191  1.8248  1.8304  1.8359  1.8526	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7842 1.7903 1.7963 1.8080 1.818	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7 1230.4 1235.2 1239.9 1263.6	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 20.23 20.57 21.03 21.30 21.57	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7601  1.7655  1.7791  1.7852  1.7911  1.8030  1.8087  1.8144	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2 1216.0 1220.8 1225.5 1230.3	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63 19.89 20.15 20.41 20.66	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551 1.7679 1.7741 1.7803 1.7863 1.7922 1.7981 1.8039 1.8096 1.8153 1.8208 1.8476	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1220.6 1225.4 1230.1
Sat.  240  250 260 270 280 290  310 320 330 340 350 360 370 380 390  400 450 500	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.47 22.76 23.05 23.364 23.93 24.22 25.67 27.11	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7771  1.7833  1.7895  1.7956  1.8075  1.8133  1.8191  1.8248  1.8304  1.8359  1.85626  1.8880	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6 1235.3 1240.0 1263.7 1287.4	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56 22.83 23.11 24.49 25.87	[233.1] 1.7267 1.7316 1.7386 1.7455 1.7522 1.7588 1.7653 1.7717 1.7780 1.7842 1.7963 1.8082 1.8080 1.8183 1.8195 1.8251	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.9 1235.2 1239.9 1263.6 1287.3	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 20.23 20.50  20.77 21.03 21.30 21.57 21.84  22.10 23.42 24.74	[235.5]  1.7231  1.7264  1.7334  1.7470 1.7536 1.7601  1.7665 1.7729 1.7791 1.7852 1.7912 1.7971 1.8030 1.8087 1.8144 1.8200  1.8256 1.8524 1.8778	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2 1216.0 1220.8 1225.5 1230.3 1235.0	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63 19.89 20.15 20.41 20.66 20.92 21.17 22.44 23.70	[237.8]  1.7197  1.7213  1.7283  1.7352  1.7420  1.7486  1.7551  1.7615  1.7679  1.7741  1.7803  1.7863  1.7922  1.7981  1.8036  1.8153	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1220.6 1225.6 1225.9 1230.1 1234.9 1239.6 1263.4 1287.1
Sat.  240  250 260 270 280 290  310 320 330 340  350 360 370 380 390  400 450	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.47 23.05 23.34 23.64 23.93	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7707  1.7771  1.7833  1.7895  1.8016  1.8075  1.8133  1.8191  1.8248  1.8304  1.8359  1.8526	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6 1235.3 1240.0 1263.7	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56 22.83	[233.1] I.7267 I.7316 I.7386 I.7455 I.7522 I.7588 I.7653 I.7717 I.7780 I.7963 I.7963 I.8080 I.8138 I.8195 I.8251 I.8367	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7 1230.4 1235.2 1239.9 1263.6	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 19.96 20.23 20.50  20.77 21.03 21.30 21.57 21.84	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7601  1.7665  1.7729  1.7791  1.7852  1.7912  1.7971  1.8030  1.8087  1.8144  1.8200  1.8256  1.8524	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2 1216.0 1220.8 1225.5 1230.3 1235.0 1239.8 1263.5 1287.2 1311.0	17.01 17.28 17.54 17.81 18.07 18.33 18.60 19.12 19.37 19.63 19.89 20.15 20.41 20.66 20.92	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551 1.7679 1.7741 1.7803 1.7863 1.7922 1.7981 1.8039 1.8096 1.8153 1.8208 1.8476	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1220.6 1225.4 1230.1 1234.9 1239.6 1263.4 1287.1 1310.9
Sat.  240  250 260 270 280 290  310 320 330 340  350 360 370 380 390  400 450 500 550 600	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.47 22.76 23.05 23.34 23.64 23.93 24.22 25.67 27.11 28.54 29.97	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7771  1.7833  1.7956  1.8016  1.8075  1.8133  1.8191  1.8248  1.8304  1.8359  1.8626  1.8880  1.9121  1.9352	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6 1235.3 1240.0 1263.7 1287.4 1311.1 1335.0	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56 22.83 23.11 24.49 25.87 27.24 28.61	[233.1] I.7267 I.7316 I.7386 I.7455 I.7522 I.7588 I.7653 I.7717 I.7780 I.7963 I.8080 I.8138 I.8195 I.8251 I.8307 I.8574 I.8828 I.9069 I.9300	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7 1230.4 1235.2 1239.9 1263.6 1287.3 1311.0 1334.9	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 19.96 20.23 20.50  20.77 21.03 21.30 21.57 21.84  22.10 23.42 24.74 26.05 27.36	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7665  1.7729  1.7951  1.7952  1.7971  1.8030  1.8087  1.8144  1.8200  1.8256  1.8524  1.8778  1.9019	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1201.6 1220.8 1225.5 1230.3 1235.0 1239.8 1263.5 1287.2 1311.0 1334.9	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63 19.89 20.15 20.41 20.66 20.92 21.17 22.44 23.70 24.96 26.22	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551 1.7615 1.7679 1.7741 1.7863 1.7922 1.7981 1.8039 1.8096 1.8153 1.8208 1.8476 1.8730 1.8972 1.9204	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1225.4 1230.1 1234.9 1239.6 1263.4 1287.1 1310.9 1334.8
Sat.  240  250 260 270 280 290  310 320 330 340  350 360 370 380 390  400 450 550 600	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.47 22.47 22.305 23.34 23.64 23.93 24.22 25.67 27.11 28.54	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7771  1.7833  1.7895  1.8016  1.8075  1.8133  1.8191  1.8248  1.8304  1.8359  1.83626  1.8880  1.9121	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6 1235.3 1240.0 1263.7 1287.4 1311.1 1335.0 1359.0	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56 22.83 23.11 24.49 25.87 27.24	[233.1]  1.7267  1.7316  1.7386 1.7455 1.7522 1.7588 1.7653  1.7717 1.7780 1.7842 1.7903 1.7963 1.8022 1.8080 1.8138 1.8195 1.8251  1.8307 1.8574 1.8828 1.9069 1.9300	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7 1230.4 1235.2 1239.9 1263.6 1287.3 1311.0 1334.9	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 20.23 20.50  20.77 21.03 21.30 21.57 21.84  22.10 23.42 24.74 26.05 27.36	[235.5]  1.7231  1.7264  1.7334  1.7470 1.7536 1.7601  1.7665 1.7729 1.7791 1.7852 1.7912 1.7971 1.8030 1.8087 1.8144 1.8200  1.8256 1.8524 1.8778 1.9019 1.9251 1.9473	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2 1216.0 1220.8 1225.5 1230.3 1235.0 1239.8 1263.5 1287.2 1311.0	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63 19.89 20.15 20.41 20.66 20.92 21.17 22.44 23.70 24.96 26.22 27.47	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551  1.7615 1.7679 1.7741 1.7803 1.7863  1.7922 1.7981 1.8039 1.8039 1.8153  1.8208 1.8476 1.8730 1.8972	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1220.6 1225.4 1230.1 1234.9 1234.9 1234.9 1234.9 1334.8 1358.9
Sat.  240  250 260 270 280 290  310 320 330 340  350 360 370 380 390  400 450 500 550 600	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.76 23.05 23.34 23.64 23.93 24.22 25.67 27.11 28.54 29.97 31.40	[230.6]  1.7304  1.7371  1.7441  1.7509 1.7576 1.7642 1.7707  1.7771 1.7833 1.7895 1.7956 1.8016  1.8075 1.8131 1.8248 1.8304  1.8359 1.8626 1.8880 1.9121 1.9352	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6 1235.3 1240.0 1263.7 1287.4 1311.1 1335.0	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56 22.83 23.11 24.49 25.87 27.24 28.61	[233.1] I.7267 I.7316 I.7386 I.7455 I.7522 I.7588 I.7653 I.7717 I.7780 I.7963 I.8080 I.8138 I.8195 I.8251 I.8307 I.8574 I.8828 I.9069 I.9300	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7 1230.4 1235.2 1239.9 1263.6 1287.3 1311.0 1334.9	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 19.96 20.23 20.50  20.77 21.03 21.30 21.57 21.84  22.10 23.42 24.74 26.05 27.36	[235.5]  1.7231  1.7264  1.7334  1.7470  1.7536  1.7665  1.7729  1.7951  1.7952  1.7971  1.8030  1.8087  1.8144  1.8200  1.8256  1.8524  1.8778  1.9019	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2 121.2 1220.8 1225.5 1230.3 1235.0 1239.8 1263.5 1287.2 1311.0 1334.9 1358.9	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63 19.89 20.15 20.41 20.66 20.92 21.17 22.44 23.70 24.96 26.22	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551 1.7615 1.7679 1.7741 1.7803 1.7981 1.8039 1.8096 1.8153  1.8208 1.8476 1.8730 1.8972 1.9204	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1225.4 1230.1 1234.9 1239.6 1263.4 1287.1 1310.9 1334.8
Sat.  240  250 260 270 280 290  310 320 330 340 350 360 370 380 390  400 450 550 600 650 700	19.49 19.79 20.10 20.40 20.70 20.99 21.29 21.58 21.88 22.17 22.47 22.76 23.05 23.34 23.64 23.93 24.22 25.67 27.11 28.54 29.97 31.40 32.82	[230.6]  1.7304  1.7371  1.7441  1.7509  1.7576  1.7642  1.7771  1.7833  1.7895  1.8016  1.8075  1.8133  1.8133  1.8133  1.8133  1.8134  1.8248  1.8359  1.8626  1.8880  1.9121  1.9352  1.9573  1.9787	1163.3 1168.2 1173.1 1178.0 1182.8 1187.7 1192.5 1197.3 1202.1 1206.8 1211.6 1216.4 1221.1 1225.9 1230.6 1235.3 1240.0 1263.7 1287.4 1311.1 1335.0 1359.0 1383.2	18.59 18.88 19.17 19.45 19.74 20.03 20.31 20.59 20.88 21.16 21.44 21.72 22.00 22.28 22.56 22.83 23.11 24.49 25.87 27.24 28.61 29.97 31.33	[233.1]  1.7267  1.7316  1.7386  1.7455 1.7522 1.7588 1.7653  1.7717 1.7780 1.7842 1.7963 1.8022 1.8080 1.8138 1.8195 1.8251  1.8307 1.8574 1.8828 1.9069 1.9300  1.9522 1.9735	1163.0 1167.9 1172.8 1177.7 1182.6 1187.4 1192.2 1197.1 1201.9 1206.6 1211.4 1216.2 1220.9 1225.7 1230.4 1235.2 1239.9 1263.6 1287.3 1311.0 1334.9 1359.0 1383.2	17.76  18.04 18.32 18.60 18.87 19.14  19.42 19.69 20.23 20.50  20.77 21.03 21.30 21.57 21.84  22.10 23.42 24.74 26.05 27.36 28.66 29.97	[235.5]  1.7231  1.7264  1.7334  1.7470 1.7536 1.7601  1.7665 1.7729 1.7791 1.7852 1.7912  1.7971 1.8030 1.8087 1.8144 1.8200  1.8256 1.8524 1.8778 1.9019 1.9251 1.9473 1.9686	1162.7 1167.6 1172.6 1177.5 1182.3 1187.2 1192.0 1196.8 1201.6 1206.4 1211.2 1216.0 1220.8 1225.5 1230.3 1235.0 1239.8 126.5 1287.2 1311.0 1334.9 1358.9 1383.1	17.01 17.28 17.54 17.81 18.07 18.33 18.60 18.86 19.12 19.37 19.63 19.89 20.15 20.41 20.66 20.92 21.17 22.44 23.70 24.96 26.22 27.47 28.72 29.96	[237.8]  1.7197  1.7213  1.7283 1.7352 1.7420 1.7486 1.7551 1.7679 1.7741 1.7803 1.7863  1.7922 1.7981 1.8039 1.8153 1.8208 1.8476 1.8730 1.8972 1.9204	1162.4 1167.3 1172.3 1177.2 1182.1 1186.9 1191.8 1196.6 1201.4 1206.2 1211.0 1215.8 1220.6 1225.4 1230.1 1234.9 1239.6 1263.4 1287.1 1310.9 1334.8 1358.9 1383.1

Pres-		25 [240.1]			26 [242.2]			<b>27</b> [244.3]			28 [246.4]	
Temp	v	8	i	V	8	i	V	8	i	v	8	i
Sat.	16.32	1.7164	1162.1	15.73	1.7133	1162.8	15.18	1.7103	1163.6	14.67	1.7074	1164.3
250	16.57	1.7235	1167.0	15.92	1.7188	1166.7	15.32	1.7143	1166.4	14.76	1.7099	1166.1
260	16.83	1.7304	1172.0	16.17	1.7258	1171.7	15.56	1.7213°	1171.4	14.99	1.7169	1171.1
270	17.08	1.7372	1176.9	16.41	1.7326	1176.6	15.80	1.7281	1176.4	15.22	1.7238	1176.1
290	17.34	1.7439	1186.7	16.90	1.7458	1186.5	16.27	1.7414	1186.2	15.68	1.7305	1186.0
300	17.84	1.7568	1191.6	17.15	1.7523	1191.3	16.50	1.7479	1191.1	15.90	1.7436	1190.9
310	18.09	1.7632	1196.4	17.39	1.7587	1196.2	16.74	1.7543	1196.0	16.13	1.7500	1195.7
320	18.34	1.7694	1201.2	17.63	1.7649	1201.0	16.97	1.7605	1200.8	16.35	1.7563	1200.6
330	18.84	1.7756	1210.9	18.11	1.7771	1210.7	17.43	1.7728	1210.5	16.80	1.7686	1210.3
350	19.09	1.7876	1215.7	18.35	1.7831	1215.5	17.66	1.7787	1215.3	17.02	1.7746	1215.1
360	19.34	1.7935	1220.4	18.58	1.7890	1220.3	17.89	1.7846	1220.1	17.24	1.7805	1219.9
370	19.58	1.7993	1225.2	18.82	1.7948	1225.0	18.12	1.7905	1224.9	17.46	1.7863	1224.7
380	19.83	1.8050	1230.0	19.06	1.8005	1229.8	18.35	1.7962	1229.7	17.69	1.7920	1229.5
390	20.08	1.8106	1234.7	19.30	1.8061	1234.6	18.58	1.8018	1234.4	17.91	1.7977	1234.3
400	20.32	1.8162	1239.5	19.53	1.8117	1239.3	18.80	1.8074	1239.2	18,13	1.8033	1239.1
410	20.56	1.8217	1244.3	19.77	1.8172	1244.1	19.03	1.8129	1244.0	18.35	1.8088	1243.9
420	20.81	1.8271	1249.0	20.00	1.8281	1248.9	19.25	1.8184	1248.7	18.57 18.78	1.8143	1248.6
440	21.30	1.8378	1258.5	20.47	1.8334	1258.4	19.71	1.8291	1258.3	19.00	1.8250	1258.1
450	21.54	1.8430	1263.2	20.71	1.8386	1263.1	19.94	1.8344	1263.0	19.22	1.8303	1262.9
500	22.75	1.8684	1287.0	21.88	1.8640	1286.9	21.06	1.8598	1286.8	20.31	1.8557	1286.7
550	23.96	1.8926	1310.8	23.04	1.8882	1310.8	22.18	1.8840	1310.7	21.39	1.8800	1310.6
600	25.17	1.9158	1334.7	24.20	1.9114	1334.7	23.30	1.9072	1334.6	22.47	1.9032	1334.6
650	26.37	1.9380	1358.8	25.35	1.9336	1358.8	24.41	1.9294	1358.7	23.54	1.9254	1358.7
				*	1			1				
		29 [248.4]			<b>30</b> [250.3]		,	<b>31</b> [252.2]			<b>32</b> [254.0]	
Sat.	14.20	29 [248.4]	1165.0	13.76	30 [250.3]	1165.7	13.34	[252.2]	1166.3	12.95	32 [254.0] 1.6967	1166.9
Sat.	41	[248.4]	1165.0	13.76	[250.3]	1165.7	13.34	[252.2]		12.95	[254.0]	
Sat. 260	14.46	[248.4] 1.7046 1.7128	1170.8	13.97	[250.3] 1.7019 1.7088	1170.5	13.50	[252.2] 1.6992 1.7049	1170.3	13.07	[254.0] 1.6967 1.7011	1170.0
Sat.	14.46 14.68	[248.4] 1.7046 1.7128 1.7196		13.97	[250.3] 1.7019 1.7088 1.7156	1170.5	13.50	[252.2] 1.6992 1.7049 1.7117	1170.3	13.07	[254.0] 1.6967 1.7011 1.7079	
Sat. 260 270	14.46	[248.4] 1.7046 1.7128	1170.8	13.97	[250.3] 1.7019 1.7088	1170.5	13.50	[252.2] 1.6992 1.7049	1170.3	13.07	[254.0] 1.6967 1.7011	1170.0
Sat. 260 270 280 290 300	14.46 14.68 14.90 15.13	[248.4] 1.7046 1.7128 1.7196 1.7264	1170.8 1175.8 1180.8 1185.7	13.97 14.18 14.40	[250.3] 1.7019 1.7088 1.7156 1.7224	1170.5 1175.5 1180.5 1185.5	13.50 13.71 13.92	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7317	1170.3 1175.3 1180.3	13.07 13.28 13.48 13.68	[254.0] 1.6967 1.7011 1.7079 1.7147 1.7214 1.7280	1170.0 1175.0 1180.0 1185.0
Sat.  260 270 280 290 300 310	14.46 14.68 14.90 15.13	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5	13.97 14.18 14.40 14.61 14.82 15.04	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420	1170.5 1175.5 1180.5 1185.5	13.50 13.71 13.92 14.13 14.34 14.54	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7317 1.7381	1170.3 1175.3 1180.3 1185.3	13.07 13.28 13.48 13.68	[254.0] 1.6967 1.7011 1.7079 1.7147 1.7214 1.7280 1.7344	1170.0 1175.0 1180.0 1185.0
Sat.  260 270 280 290  300 310 320	14.46 14.68 14.90 15.13 15.35 15.56 15.78	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4	13.97 14.18 14.40 14.61 14.82 15.04 15.25	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7483	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2	13.50 13.71 13.92 14.13 14.34 14.54 14.75	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7317 1.7381 1.7444	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0	13.07 13.28 13.48 13.68 13.88 14.08	[254.0] 1.6967 1.7011 1.7079 1.7147 1.7214 1.7280 1.7344 1.7407	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8
Sat.  260 270 280 290 300 310	14.46 14.68 14.90 15.13	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5	13.97 14.18 14.40 14.61 14.82 15.04	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420	1170.5 1175.5 1180.5 1185.5	13.50 13.71 13.92 14.13 14.34 14.54	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7317 1.7381	1170.3 1175.3 1180.3 1185.3	13.07 13.28 13.48 13.68	[254.0] 1.6967 1.7011 1.7079 1.7147 1.7214 1.7280 1.7344	1170.0 1175.0 1180.0 1185.0
Sat.  260 270 280 290  300 310 320 330 340	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7483 1.7545 1.7606	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9	13.50 13.71 13.92 14.13 14.34 14.54 14.75 14.95	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7317 1.7381 1.7444 1.7506 1.7568	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9	13.07 13.28 13.48 13.68 14.08 14.28 14.48 14.67	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7407 1.7469 1.7531	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5
Sat.  260 270 280 290  300 310 320 330 340  350 360	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7522 1.7584 1.7645	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7480 1.7545 1.7606 1.7666 1.7725	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9	13.50 13.71 13.92 14.13 14.34 14.54 14.75 14.95 15.15	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7317 1.7344 1.7506 1.7568 1.7628 1.7628 1.7687	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7	13.07 13.28 13.48 13.68 13.88 14.08 14.28 14.48 14.67	[254:0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7469 1.7531  1.7591 1.7650	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5
Sat.  260 270 280 290  300 310 320 330 340  350 360 370	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 16.86	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.74592 1.7584 1.7645 1.7705 1.7764 1.7823	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.29	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7483 1.7545 1.7666 1.7725 1.7784	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9	13.50 13.71 13.92 14.13 14.34 14.54 14.75 14.95 15.15	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7381 1.7344 1.7506 1.7568  1.7628 1.7628 1.7687 1.7746	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7	13.07 13.28 13.48 13.68 13.88 14.08 14.28 14.48 14.67	[254:0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7407 1.7469 1.7531  1.7591 1.7650 1.7709	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5
Sat.  260 270 280 290  310 320 330 340  350 360 370 380	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7355 1.7459 1.7522 1.7584 1.7645 1.7705 1.7705 1.7764 1.7823 1.7880	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.29	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7483 1.7545 1.7606 1.7666 1.7725 1.7725 1.7784 1.7844	1170.5 1175.5 1180.5 1180.5 1190.4 1195.3 1200.2 1205.1 1209.9	13.50 13.71 13.92 14.13 14.34 14.54 14.75 14.95 15.15	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7387 1.73881 1.7444 1.7506 1.7568 1.7628 1.7628 1.7628 1.7746 1.7804	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7	13.07 13.28 13.48 13.68 13.88 14.08 14.28 14.48 14.67	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7469 1.7469 1.7531  1.7591 1.7650 1.7769 1.7767	1170.0 1175.0 1180.0 1189.9 1194.9 1199.8 1204.7 1209.5
Sat.  260 270 280 290 300 310 320 330 340 350 360 370 380 390	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7764 1.7823 1.7880 1.7937	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1219.7 1224.6 1229.4 1234.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.29 16.50 16.70	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7483 1.7545 1.7606 1.7766 1.7784 1.7898	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0	13.50 13.71 13.92 14.13 14.34 14.54 14.75 15.15 15.35 15.56 15.76 15.96 16.16	[252.2] 1.6992 1.7049 1.7117 1.7185 1.7251 1.7317 1.7381 1.7444 1.7506 1.7568 1.7628 1.7687 1.7746 1.7861	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8	13.07 13.28 13.48 13.68 13.88 14.08 14.48 14.67 14.87 15.06 15.26 15.45	[254:0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7407 1.7469 1.7531  1.7591 1.7650 1.7709 1.7767 1.7824	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 11228.9 1233.7
Sat.  260 270 280 290 300 310 320 330 340 350 360 370 380 390	14.46 14.68 14.90 15.13 15.35 15.56 16.00 16.21 16.43 16.64 17.07 17.28	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7705 1.7764 1.7823 1.7880 1.7937	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1219.7 1224.6 1229.4 1234.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 16.08 16.29 16.50 16.70	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7545 1.7545 1.7606 1.7666 1.7725 1.7784 1.7841 1.7898	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0	13.50 13.71 13.92 14.13 14.34 14.55 14.75 15.15 15.35 15.56 15.76 15.96 16.16	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7317 1.7381 1.7444 1.7506 1.7568  1.7628 1.7687 1.7746 1.7804 1.7804 1.7861	1170.3 1175.3 1185.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1224.2 1229.0 1233.8	13.07 13.28 13.48 13.68 13.88 14.08 14.28 14.48 14.67 15.06 15.26 15.45 15.65	[254:0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7409 1.7531  1.7591 1.7650 1.7709 1.7767 1.7824 1.7881	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7
Sat.  260 270 280 290  300 310 320 330 340  350 360 370 380 390  400 410	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7764 1.7823 1.7880 1.7937 1.7993 1.8048	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1219.7 1224.6 1229.4 1234.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.29 16.50 16.70	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7545 1.7666 1.7766 1.7765 1.7784 1.7898 1.7954 1.8010	1170.5 1175.5 1185.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0	13.50 13.71 13.92 14.13 14.34 14.54 14.75 15.15 15.35 15.56 15.76 15.96 16.16	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7381 1.7444 1.7506 1.7568 1.7687 1.7746 1.7804 1.7861  1.7917	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8	13.07 13.28 13.48 13.68 14.28 14.28 14.48 14.67 14.87 15.06 15.26 15.45 15.65	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7469 1.7531  1.7591 1.7650 1.7767 1.7824  1.7881 1.7936	1175.0 1175.0 1185.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7
Sat.  260 270 280 290  300 310 320 330 340  350 360 370 380 390  400 410 420	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28	[48.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7705 1.7708 1.7823 1.7880 1.7937 1.7993 1.8048 1.8103	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1219.7 1224.6 1229.4 1234.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.29 16.50 16.70	[250.3] 1.7019 1.7088 1.7156 1.7224. 1.7290 1.7355 1.7420 1.7355 1.7666 1.77666 1.77666 1.7725 1.7784 1.7841 1.7898 1.7954 1.8010 1.8064	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0	13.50 13.71 13.92 14.13 14.34 14.54 14.75 15.15 15.35 15.56 15.76 15.96 16.16	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7317 1.7381 1.7444 1.7506 1.7568 1.7628 1.7628 1.7628 1.7628 1.7628 1.7746 1.7804 1.7801	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8	13.07 13.28 13.48 13.68 13.88 14.08 14.28 14.28 14.50 15.06 15.26 15.45 15.65	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7469 1.7469 1.7531  1.7559 1.7769 1.7767 1.7824  1.7881 1.7936 1.7936 1.7991	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7
Sat.  260 270 280 290  300 310 320 330 340  350 360 370 380 390  400 410	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7764 1.7823 1.7880 1.7937 1.7993 1.8048	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1219.7 1224.6 1229.4 1234.1	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.29 16.50 16.70	[250.3] 1.7019 1.7088 1.7156 1.7224 1.7290 1.7355 1.7420 1.7545 1.7666 1.7766 1.7765 1.7784 1.7898 1.7954 1.8010	1170.5 1175.5 1185.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0	13.50 13.71 13.92 14.13 14.34 14.54 14.75 15.15 15.35 15.56 15.76 15.96 16.16	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7381 1.7444 1.7506 1.7568 1.7687 1.7746 1.7804 1.7861  1.7917	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8	13.07 13.28 13.48 13.68 14.28 14.28 14.48 14.67 14.87 15.06 15.26 15.45 15.65	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7469 1.7531  1.7591 1.7650 1.7767 1.7824  1.7881 1.7936	1175.0 1175.0 1185.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7
Sat.  260 270 280 290  300 310 320 330 340  350 360 370 380 390  400 410 420 430 440  450	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28 17.50 17.71 17.92 18.13 18.34	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7705 1.7764 1.7823 1.7880 1.7937 1.7993 1.8048 1.8103 1.8157 1.8210 1.8263	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1229.4 1234.1 1238.9 1243.7 1248.5 1253.3 1258.0	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.29 16.50 16.70 16.91 17.11 17.32 17.52 17.73	[250.3]  1.7019  1.7088 1.7156 1.7224 1.7290  1.7355 1.7420 1.7355 1.7666 1.7766 1.77666 1.7725 1.7784 1.7841 1.7898  1.7954 1.8010 1.8064 1.8118 1.8172	1170.5 1175.5 1185.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0 1248.4 1253.1 1257.9	13.50 13.71 13.92 14.13 14.34 14.54 14.75 15.15 15.35 15.56 15.76 16.16 16.36 16.55 16.75 16.95 17.15	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7381 1.7444 1.7506 1.7568 1.7687 1.7746 1.7804 1.7801 1.7917 1.8027 1.8081 1.8134 1.8187	1170.3 1175.3 1180.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8 1243.4 1248.2 1253.0 1257.8	13.07 13.28 13.48 13.68 14.28 14.48 14.67 14.87 15.06 15.26 15.45 15.65 15.45 16.03 16.23 16.42 16.61	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7467 1.7469 1.7531  1.7591 1.7650 1.7767 1.7824  1.7881 1.7936 1.7991 1.8045 1.8098  1.8151	1175.0 1175.0 1185.0 1185.0 1185.0 1189.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7 1248.3 1248.1 1252.9 1257.7
Sat.  260 270 280 290  300 310 320 330 340  350 360 370 380 390  400 410 420 430 440  450 500	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28 17.50 17.71 17.92 18.13 18.34	[48.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7705 1.7708 1.7823 1.7880 1.7937 1.7993 1.8048 1.8157 1.8210 1.8263 1.8518	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1229.4 1234.1 1234.1 1234.5 1253.3 1258.0	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.50 16.70 16.91 17.11 17.32 17.52 17.73	[250.3]  1.7019  1.7088 1.7156 1.7224 1.7290  1.7355 1.7420 1.7355 1.7666 1.77666 1.77666 1.7725 1.7784 1.7898  1.7954 1.8010 1.8064 1.8118 1.8172 1.8225 1.8480	1170.5 1175.5 1180.5 1185.5 1189.4 1195.3 11200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0 1248.4 1253.1 1257.9	13.50 13.71 13.92 14.13 14.34 14.54 14.75 14.95 15.15 15.35 15.76 15.76 16.16 16.36 16.55 16.75 16.95 17.15	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7317 1.7381 1.7444 1.7566 1.7568 1.7687 1.7746 1.7861  1.7917 1.8027 1.8081 1.8134 1.8187 1.81443	1170.3 1175.3 1185.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8 1238.6 1243.4 1248.2 1253.0 1257.8	13.07 13.28 13.48 13.68 14.08 14.28 14.48 14.67 15.06 15.26 15.55 15.84 16.03 16.23 16.42 16.61	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7469 1.7531  1.7531 1.7591 1.7650 1.7767 1.7824  1.7881 1.7936 1.7991 1.8045 1.8098  1.8151 1.8407	1170.0 1175.0 1180.0 1185.0 1189.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7 1248.1 1252.9 1257.7
Sat.  260 270 280 290 300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 500 550	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28 17.50 17.71 17.92 18.13 18.34	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7552 1.7584 1.7645 1.7705 1.7706 1.7823 1.7880 1.7937 1.7993 1.8048 1.8103 1.8157 1.8210	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1219.7 1224.6 1229.4 1234.1 1238.9 1243.7 1248.5 1258.0 1262.8 1262.8 1266.6 1310.5	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.50 16.70 16.91 17.11 17.32 17.73 17.93 18.95 19.96	[250.3]  1.7019  1.7088 1.7156 1.7224 1.7290  1.7355 1.7420 1.7483 1.7545 1.7666 1.7725 1.7784 1.7898  1.7898  1.7954 1.8010 1.8064 1.8118 1.8112  1.8225 1.8480 1.8722	1170.5 1175.5 1180.5 1185.5 1190.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0 1243.6 1243.6 1243.6 1243.6 1243.6 1243.6 1243.6 1243.6 1243.6 1243.6	13.50 13.71 13.92 14.13 14.34 14.55 14.75 15.15 15.56 15.76 15.96 16.16 16.35 16.75 17.35 17.35 17.35 17.35	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7317 1.7381 1.7444 1.7506 1.7568  1.7628 1.7687 1.7746 1.7804 1.7861  1.7917 1.8027 1.8027 1.8021 1.8021 1.8134	1170.3 1175.3 1185.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8 1243.4 1243.4 1243.5 1257.8	13.07 13.28 13.48 13.68 14.08 14.28 14.48 14.67 15.06 15.26 15.45 15.65 15.84 16.03 16.23 16.23 16.23 16.23 16.23 16.23	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7349 1.7469 1.7531  1.7591 1.7650 1.7709 1.7767 1.7824  1.7881 1.7936 1.7936 1.7936 1.8098  1.8151 1.8407 1.8650	1170.0 1175.0 1180.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7 1248.3 1248.1 1252.9 1257.7
Sat.  260 270 280 290  300 310 320 330 340  350 360 370 380 390  400 410 420 430 440  450 500	14.46 14.68 14.90 15.13 15.35 15.56 15.78 16.00 16.21 16.43 16.64 17.07 17.28 17.50 17.71 17.92 18.13 18.34	[48.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7705 1.7708 1.7823 1.7880 1.7937 1.7993 1.8048 1.8157 1.8210 1.8263 1.8518	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1229.4 1234.1 1234.1 1234.5 1253.3 1258.0	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 15.87 16.08 16.50 16.70 16.91 17.11 17.32 17.52 17.73	[250.3]  1.7019  1.7088 1.7156 1.7224 1.7290  1.7355 1.7420 1.7355 1.7666 1.77666 1.77666 1.7725 1.7784 1.7898  1.7954 1.8010 1.8064 1.8118 1.8172 1.8225 1.8480	1170.5 1175.5 1180.5 1185.5 1189.4 1195.3 11200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0 1248.4 1253.1 1257.9	13.50 13.71 13.92 14.13 14.34 14.54 14.75 14.95 15.15 15.35 15.76 15.76 16.16 16.36 16.55 16.75 16.95 17.15	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7317 1.7381 1.7444 1.7566 1.7568 1.7687 1.7746 1.7861  1.7917 1.8027 1.8081 1.8134 1.8187 1.81443	1170.3 1175.3 1185.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1219.4 1224.2 1229.0 1233.8 1238.6 1243.4 1248.2 1253.0 1257.8	13.07 13.28 13.48 13.68 14.08 14.28 14.48 14.67 15.06 15.26 15.55 15.84 16.03 16.23 16.42 16.61	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7469 1.7531  1.7531 1.7591 1.7650 1.7767 1.7824  1.7881 1.7936 1.7991 1.8045 1.8098  1.8151 1.8407	1170.0 1175.0 1180.0 1185.0 1189.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7 1248.1 1252.9 1257.7
Sat.  260 270 280 290 310 320 330 340 350 360 370 380 390 410 420 430 440 450 550 600	14.46 14.68 14.90 15.13 15.35 15.56 16.00 16.21 16.43 16.64 17.07 17.28 17.50 17.71 17.92 18.13 18.34 18.55 19.60 20.65 21.69	[248.4] 1.7046 1.7128 1.7196 1.7264 1.7330 1.7395 1.7459 1.7522 1.7584 1.7645 1.7705 1.7764 1.7823 1.7880 1.7937 1.7993 1.8048 1.8103 1.8157 1.8210 1.8263 1.8518 1.8760 1.8992	1170.8 1175.8 1180.8 1185.7 1190.6 1195.5 1200.4 1205.3 1210.1 1214.9 1229.4 1234.1 1238.9 1243.7 1248.5 1253.3 1258.6 1262.8 1286.6 1310.5 1334.5	13.97 14.18 14.40 14.61 14.82 15.04 15.25 15.46 15.67 16.08 16.29 16.50 16.70 16.91 17.11 17.32 17.73 17.93 18.95 19.96 20.96	[250.3]  1.7019  1.7088 1.7156 1.7224 1.7290  1.7355 1.7420 1.7483 1.7545 1.7666 1.7725 1.7784 1.7841 1.7898  1.7954 1.8010 1.8064 1.8118 1.8112 1.8225 1.8480 1.8722 1.8955	1170.5 1175.5 1185.5 1189.4 1195.3 1200.2 1205.1 1209.9 1214.8 1219.6 1224.4 1229.2 1234.0 1238.8 1243.6 1248.4 1253.1 1257.9 1262.7 1286.5 1310.4 1334.4	13.50 13.71 13.92 14.13 14.34 14.54 14.75 14.95 15.15 15.35 15.76 15.76 16.16 16.35 16.75 16.95 17.15	[252.2]  1.6992  1.7049 1.7117 1.7185 1.7251  1.7341 1.7566 1.7568  1.7628 1.7687 1.7746 1.7804 1.7804 1.7801 1.7917 1.8027 1.8031 1.8134 1.8187 1.8443 1.8686 1.8918	1170.3 1175.3 1185.3 1185.3 1190.2 1195.1 1200.0 1204.9 1209.7 1214.6 1224.2 1229.0 1233.8 1238.6 1243.4 1248.2 1257.8 1262.6 1286.5 1310.4 1334.4	13.07 13.28 13.48 13.68 14.08 14.28 14.48 14.67 15.06 15.26 15.45 15.65 15.65 15.84 16.03 16.23 16.61 16.80 17.76 18.71 19.65	[254.0]  1.6967  1.7011 1.7079 1.7147 1.7214  1.7280 1.7344 1.7407 1.7469 1.7531  1.7591 1.7650 1.7709 1.7767 1.7824  1.7881 1.7936 1.7936 1.7936 1.7931 1.8045 1.8045 1.8045 1.8045 1.8048	1170.0 1175.0 1185.0 1185.0 1189.9 1194.9 1199.8 1204.7 1209.5 1214.4 1219.2 1224.1 1228.9 1233.7 1243.3 1243.3 1248.1 1252.9 1257.7

Pres- sure		<b>33</b> [255.8]			<b>34</b> [257.6]			<b>35</b> [259.3]			<b>36</b> [260.9]	
Temp	V	S	i	v	S	i	v	s	i	v	S	i
Sat.	12.59	1.6942	1167.5	12.24	1.6918	1168.1	11.91	1.6895	1168.7	11.60	1.6873	1169.2
260 270	12.67	1.6974	1169.7	12.29	1.6938	1169.4	11.92	1.6903	1169.1	11.77	1.6937	1173.9
280 290	13.06 13.26	1.7110	1179.7	12.67	1.7074	1179.5	12.30	1.7039	1179.2	11.95	1.7006	1178.9
300	13.45	1.7243	1189.7	13.05	1.7207	1189.5	12.67	1.7173	1189.2	12.31	1.7140	1189.0
310 320	13.65	1.7308	1194.6	13.24	1.7272	1194.4	12.85	1.7238	1194.2	12.49	1.7205	1193.9
330	14.03	1.7434	1204.4	13.61	1.7399	1204.2	13.22	1.7365	1204.0	12.84	1.7331	1203.8
340	14.22	1.7495	1209.3	13.80	1.7460	1209.1	13.40	1.7426	1208.9	13.02	1.7393	1208.7
<b>350</b> 360	14.41	1.7556	1214.2	13.98	1.7521	1214.0	13.58	1.7487	1213.8	13.19	1.7454	1213.6
370	14.79	1.7674	1223.9	14.35	1.7639	1223.7	13.94	1.7606	1223.6	13.54	1.7573	1223.4
380	14.98	1.7732	1228.7	14.53	1.7697	1228.6	14.12	1.7664	1228.4	13.72	1.7631	1228.3
390	15.17	1.7789	1233.5	14.72	1.7754	1233.4	14.29	1.7722	1233.2	13.89	1.7689	1233.1
400	15.36	1.7845	1238.3	14.90	1.7811	1238.2	14.47	1.7778	1238.1	14.06	1.7745	1238.0
420	15.73	1.7956	1248.0	15.26	1.7922	1247.8	14.82	1.7889	1247.7	14.41	1.7856	1247.6
430	15.92	1.8010	1252.8	15.45	1.7976	1252.6	15.00	1.7943	1252.5	14.58	1.7911	1252.4
440 <b>450</b>	16.29	1.8117	1262.3	15.81	1.8083	1262.2	15.35	1.8050	1262.1	14.92	1.8018	1262.0
500	17.22	1.8373	1286.3	16.71	1.8339	1286.2	16.23	1.8306	1286.1	15.77	1.8274	1286.0
550	18.14	1.8616	1310.2	17.60	1.8582	1310.2	17.10	1.8550	1310.1	16.62	1.8518	1310.0
600 650	19.05	1.8848	1334.3	18.49	1.8815	1334.2	17.96	1.8783	1334.1	17.46	1.8751	1334.1
700	20.88	1.9286	1382.7	20.26	1.9252	1382.7	19.68	1.9221	1382.7	19.13	1.9189	1382.6
=		37			38			39			40	
		[262.6]			38 [264.2]			<b>39</b> [265.7]			<b>40</b> [267.2]	
Sat.	11.31	[262.6]	1169.8	11.03	38 [264.2] 1.6830	1170.3	10.76	<b>39</b> [265.7]	1170.8	10.51	<b>40</b> [267.2] 1.6788	1171.3
270	11.44	[262.6]   1.6851   1.6903	1169.8	11.03	38 [264.2]   1.6830   1.6871	1170.3	10.76	39 [265.7]   1.6809   1.6839	1170.8	10.51	40 [267.2] 1.6788	1171.3
		[262.6]	1169.8	11.03	38 [264.2] 1.6830	1170.3	10.76	<b>39</b> [265.7]	1170.8	10.51	<b>40</b> [267.2] 1.6788	1171.3
270 280	11.44	[262.6]   1.6851   1.6903   1.6972	1169.8 1173.6 1178.7 1183.7	11.03 11.13 11.30 11.47 11.65	38 [264.2] 1.6830 1.6871 1.6940	1170.3 1173.3 1178.4	10.76 10.84 11.01	39 [265.7] 1.6809 1.6839 1.6909 1.6977	1170.8 1173.0 1178.1 1183.2 1188.2	10.51 10.56 10.72 10.89	40 [267.2] 1.6788 1.6808 1.6878 1.6946	1171.3 1172.7 1177.8 1182.9
270 280 290 <b>300</b> 310	11.44 11.62 11.79 11.97 12.14	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7107 1.7172	1169.8 1173.6 1178.7 1183.7 1188.7 1193.7	11.03 11.13 11.30 11.47 11.65 11.82	38 [264.2] 1.6830 1.6871 1.6940 1.7008 1.7075 1.7140	1170.3 1173.3 1178.4 1183.5 1188.5 1193.5	10.76 10.84 11.01 11.17 11.34 11.51	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2	10.51 10.56 10.72 10.89 11.05	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0
270 280 290 <b>300</b> 310 320	11.44 11.62 11.79	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7107	1169.8 1173.6 1178.7 1183.7	11.03 11.13 11.30 11.47 11.65	38 [264.2] 1.6830 1.6871 1.6940 1.7008	1170.3 1173.3 1178.4 1183.5 1188.5 1193.5 1198.5	10.76 10.84 11.01 11.17	39 [265.7] 1.6809 1.6839 1.6909 1.6977	1170.8 1173.0 1178.1 1183.2 1188.2	10.51 10.56 10.72 10.89	40 [267.2] 1.6788 1.6808 1.6878 1.6946	1171.3 1172.7 1177.8 1182.9 1188.0
270 280 290 <b>300</b> 310	11.44 11.62 11.79 11.97 12.14 12.31	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7107 1.7172 1.7236	1169.8 1173.6 1178.7 1183.7 1188.7 1193.7 1198.7	11.03 11.13 11.30 11.47 11.65 11.82 11.98	38 [264.2] 1.6830 1.6871 1.6940 1.7008 1.7075 1.7140 1.7204	1170.3 1173.3 1178.4 1183.5 1188.5 1193.5	10.76 10.84 11.01 11.17 11.34 11.51 11.67	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7173	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2 1198.2	10.51 10.56 10.72 10.89 11.05 11.21 11.37	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1198.0
270 280 290 <b>300</b> 310 320 330 340 <b>350</b>	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7107 1.7172 1.7236 1.7299 1.7361 1.7422	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1208.6	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32	38 [264.2] 1.6830 1.6871 1.6940 1.7008 1.7075 1.7140 1.7204 1.7267 1.7330	1170.3 1173.3 1178.4 1183.5 1188.5 1198.5 1203.4 1208.4	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7173 1.7236 1.7299	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2 1203.2 1208.2	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269	1171.3 1172.7 1177.8 1182.9 1188.0 1198.0 1203.0 1208.0
270 280 290 300 310 320 330 340 350 360	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7107 1.7172 1.7236 1.7299 1.7361 1.7422 1.7482	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1208.6 1213.5 1218.3	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451	1170.3 1173.3 1178.4 1183.5 1188.5 1193.5 1203.4 1208.4	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00	39 [265.7] 1.6809 1.6839 1.6909 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2 1203.2 1203.2 1213.1 1218.0	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7331	1171.3 1172.7 1177.8 1182.9 1188.0 1198.0 1203.0 1203.0 1212.9 1217.8
270 280 290 <b>300</b> 310 320 330 340 <b>350</b>	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.7172 1.7239 1.7361  1.7422 1.7482 1.7541 1.7600	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1208.6	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.74510 1.7550 1.7556	1170.3 1173.3 1178.4 1183.5 1198.5 1198.5 1198.5 1203.4 1218.2 1218.2 1223.0 1227.9	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7173 1.7236 1.7299	1173.0 1173.0 1178.1 1183.2 1193.2 1198.2 1203.2 1208.2 1213.1 1218.0 1222.9 1227.8	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269	1171.3 1172.7 1177.8 1182.9 1188.0 1198.0 1203.0 1208.0
270 280 290 310 320 330 340 350 360 370 380 390	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7177 1.7172 1.7299 1.7361 1.7422 1.7482 1.7482 1.7541	1169.8 1173.6 1178.7 1183.7 1188.7 1193.7 1198.7 1203.6 1208.6	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451 1.7510	1170.3 1173.3 1178.4 1183.5 1188.5 1193.5 1193.5 1203.4 1208.4	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421 1.7480	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2 1203.2 1203.2 1213.1 1218.0 1222.9	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33 12.48	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7391 1.7450	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1193.0 1203.0 1208.0
270 280 290 310 320 330 340 350 360 370 380 390	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7107 1.7123 1.7236 1.7299 1.7361 1.7422 1.7482 1.7541 1.7600 1.7657	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1208.6 1213.5 1218.3 1223.2 1228.1 1232.9	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.49 12.65 12.82 12.99 13.15	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451 1.7550 1.7569 1.7626	1170.3 1173.3 1178.4 1183.5 1198.5 1198.5 1203.4 1208.4 1213.3 1218.2 1223.0 1227.9 1232.8	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65 12.81	39 [265.7] 1.6809 1.6839 1.6909 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2 1203.2 1203.2 1213.1 1218.0 1222.9 1227.8 1232.6	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33 12.48	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7450 1.7509 1.7567	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1203.0 1203.0 1212.9 1217.8 1222.7 1227.6 1232.5
270 280 290 310 320 330 340 350 360 370 380 390 400	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.7122 1.7236 1.7422 1.7482 1.7541 1.7600 1.7657	1169.8 1173.6 1178.7 1183.7 1188.7 1193.7 1198.7 1203.6 1208.6 1213.5 1218.3 1223.2 1228.1 1232.9 1237.8 1242.6	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82 12.99 13.15 13.31 13.48	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7267 1.7330 1.7391 1.7451 1.7569 1.7626 1.7683 1.7739	1170.3 1173.3 1178.4 1183.5 1188.5 1193.5 1193.5 1203.4 1208.4 1213.3 1218.2 1223.0 1227.9 1232.8 1237.6 1242.5	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65 12.81	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596 1.7653 1.7709	1170.8 1173.0 1178.1 1183.2 1188.2 1198.2 1203.2 1203.2 1213.1 1218.0 1222.9 1227.8 1232.6	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33 12.48 12.64 12.80	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7391 1.7450 1.7509 1.7567 1.7624 1.7680	1171.3 1172.7 1177.8 1182.9 1188.0 1198.0 1203.0 1203.0 1212.9 1217.8 1222.7 1227.6 1232.5
270 280 290 310 320 330 340 350 360 370 380 390 410 420 430	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51 13.68 13.85 14.01 14.18	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.71236 1.7236 1.7299 1.7361  1.7422 1.7482 1.7541 1.7605 1.7714 1.7770 1.7712 1.7825 1.7879	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1213.5 1218.3 1223.2 1228.1 1232.9 1237.8 1242.6 1247.4 1252.3	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82 12.99 13.13 13.48 13.64 13.81	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7224 1.7267 1.7330 1.7391 1.7559 1.7559 1.7626 1.7683 1.7739 1.7739 1.7794 1.7849	1170.3 1173.3 1178.4 1183.5 1188.5 1198.5 1203.4 1213.3 1218.2 1227.9 1237.6 1242.5 1247.3 1252.1	10.76  10.84 11.01 11.17  11.34 11.51 11.67 11.83 12.00  12.16 12.33 12.49 12.65 12.81  12.97 13.13 13.29 13.45	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.713 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596 1.7709 1.7709 1.7704 1.7709	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2 1203.2 1213.1 1218.0 1227.8 1227.8 1237.5 1247.2 1247.2 1247.2	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.23 12.48 12.64 12.86 13.12	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7391 1.7450 1.7509 1.7567 1.7667 1.7680 1.7735 1.7790	1171.3 1172.7 1177.8 1182.9 1188.0 1198.0 1203.0 1212.9 1217.8 1222.7 1227.6 1232.5 1247.0 1247.0 1251.9
270 280 290 310 320 330 340 350 360 370 380 390 410 420 430 440	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51 13.68 13.85 14.01 14.18	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.7172 1.7299 1.7361  1.7422 1.7482 1.7541 1.7600 1.7657  1.7714 1.7770 1.7825 1.7879 1.7933	1169.8 1173.6 1178.7 1183.7 1193.7 1203.6 1203.6 1213.5 1218.3 1223.2 1228.1 1232.9 1237.8 1242.6 1247.4 1252.3 1257.1	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82 12.99 13.15 13.31 13.48 13.64 13.81 13.97	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451 1.7510 1.7569 1.7626 1.7683 1.7794 1.7849 1.7903	1170.3 1173.3 1178.4 1183.5 1198.5 1198.5 1203.4 1213.3 1218.2 1223.0 1227.9 1232.8 1242.5 1247.3 1256.9	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65 12.81 12.97 13.13 13.29 13.45 13.61	39 [265.7] 1.6809 1.6839 1.6909 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596 1.7653 1.7709 1.7764 1.7819 1.7873	1170.8 1173.0 1178.1 1183.2 1198.2 1193.2 1203.2 1213.1 1218.0 1222.9 1227.8 1237.5 1242.3 1247.2 1256.8	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33 12.48 12.64 12.80 12.96 13.12 13.27	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7450 1.7509 1.7567 1.7680 1.7735 1.7790 1.7844	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1203.0 1208.0 1212.9 1217.8 1222.7 1227.6 1232.5 1237.3 1242.2 1247.0 1256.7
270 280 290 310 320 330 340 350 360 370 380 390 410 420 430 440	11.44 11.62 11.79 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51 13.68 13.85 14.01 14.18 14.35	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.7129 1.7239 1.7361  1.7422 1.7482 1.7541 1.7600 1.7657  1.7714 1.7770 1.7825 1.7879 1.7933 1.7986	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1213.5 1213.5 1223.2 1232.9 1237.8 1242.6 1247.4 1252.3 12257.1	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82 12.99 13.15 13.31 13.48 13.64 13.81 13.97	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451 1.7569 1.7683 1.7794 1.7849 1.7943 1.7993	1170.3 1173.3 1178.4 1183.5 1188.5 1198.5 1203.4 1213.3 1218.2 1223.0 1227.9 1232.8 1237.6 1242.5 1247.3 1252.1 1256.9 1261.8	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65 12.81 12.97 13.13 13.29 13.45 13.61	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421 1.7421 1.7539 1.7539 1.7596 1.7653 1.7709 1.7764 1.7819 1.7873 1.7926	1170.8 1173.0 1178.1 1183.2 1188.2 1193.2 1203.2 1208.2 1213.1 12218.0 12227.8 1232.6 1237.5 1242.3 1247.2 1252.0 1256.8	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33 12.48 12.64 12.80 12.96 13.12 13.27 13.42	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7391 1.7450 1.7567 1.7624 1.7680 1.7735 1.7790 1.77844 1.7897	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1198.0 1203.0 1212.9 1212.9 1227.6 1232.5 1237.3 1242.2 1247.0 1251.9 1256.7
270 280 290 300 310 320 330 340 350 360 370 380 390 410 420 430 440	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51 13.68 13.85 14.01 14.18	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.7172 1.7299 1.7361  1.7422 1.7482 1.7541 1.7600 1.7657  1.7714 1.7770 1.7825 1.7879 1.7933	1169.8 1173.6 1178.7 1183.7 1193.7 1203.6 1203.6 1213.5 1218.3 1223.2 1228.1 1232.9 1237.8 1242.6 1247.4 1252.3 1257.1	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82 12.99 13.15 13.31 13.48 13.64 13.81 13.97	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451 1.7510 1.7569 1.7626 1.7683 1.7794 1.7849 1.7903	1170.3 1173.3 1178.4 1183.5 1198.5 1198.5 1203.4 1213.3 1218.2 1223.0 1227.9 1232.8 1242.5 1247.3 1256.9	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65 12.81 12.97 13.13 13.29 13.45 13.61	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7123 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596 1.7653 1.7704 1.7819 1.7819 1.7819 1.7818 1.7833	1170.8 1173.0 1178.1 1183.2 1198.2 1193.2 1203.2 1213.1 1218.0 1222.9 1227.8 1237.5 1242.3 1247.2 1256.8	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33 12.48 12.64 12.80 12.96 13.12 13.27	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7391 1.7450 1.7567 1.7680 1.77567 1.7684 1.7799 1.7844 1.7897 1.8155 1.8399	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1203.0 1208.0 1212.9 1217.8 1222.7 1227.6 1232.5 1237.3 1242.2 1247.0 1256.7
270 280 290 300 310 320 330 340 350 360 370 380 390 410 420 430 440 500 5550 600	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51 14.01 14.18 14.35 14.52 15.34 16.17 16.99	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.7172 1.7236 1.7299 1.7361  1.7422 1.7482 1.7541 1.7600 1.7657  1.7714 1.7770 1.7825 1.7879 1.7933 1.7986 1.8243 1.8487 1.8720	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1208.6 1213.5 1218.3 1223.2 1228.1 1232.9 1237.8 1242.6 1247.4 1252.3 1257.1 1261.9 1285.9 1399.9 1393.9	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82 12.99 13.15 13.31 13.48 13.64 13.81 13.97 14.13 14.94 15.74 16.54	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451 1.7569 1.7626 1.7683 1.7739 1.794 1.794 1.794 1.794 1.794 1.7956 1.8493 1.8457 1.8690	1170.3 1173.3 1178.4 1183.5 1198.5 1198.5 1203.4 1213.3 1218.2 1223.0 1227.9 1232.8 1237.6 1242.5 1242.5 1244.3 1252.1 1256.9 1261.8 1285.8 1309.9 1334.0	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65 12.81 12.97 13.13 13.29 13.45 13.61 13.76 14.55 15.33 16.11	39 [265.7] 1.6809 1.6839 1.6909 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596 1.7653 1.7709 1.7764 1.7819 1.7819 1.7873 1.7926 1.8184 1.8428 1.8428 1.8428 1.8661	1170.8 1173.0 1178.1 1183.2 1198.2 1198.2 1203.2 1213.1 1218.0 1222.9 1227.8 1237.5 1242.3 1242.3 1242.3 1247.2 1252.0 1256.8 1261.7 1285.7 1285.7 1309.8 1333.9	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 12.17 12.33 12.48 12.64 12.80 12.96 13.12 13.27 13.42 14.95 15.71	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7450 1.7509 1.7567 1.7680 1.77567 1.7684 1.7799 1.7897 1.7897 1.8155 1.8399 1.8633	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1203.0 1203.0 1212.9 1217.8 1222.7 1227.6 1232.5 1237.3 1242.2 1247.0 1251.9 1256.7 1261.5 1285.6 1309.7 1333.8
270 280 290 300 310 320 330 340 350 360 370 380 410 420 430 440 450 550 600 650	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 13.30 13.17 13.34 13.51 13.68 13.85 14.01 14.18 14.18 14.35	[262.6] 1.6851 1.6903 1.6972 1.7040 1.7107 1.71236 1.7236 1.7299 1.7361 1.7422 1.7482 1.7541 1.7600 1.7657 1.7714 1.7770 1.7825 1.7825 1.7829 1.7825 1.7833 1.7884 1.7933 1.7986 1.8243 1.8487	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1203.6 1213.5 1218.3 1223.2 1228.1 1232.9 1237.8 1247.4 1252.3 1257.1	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 13.65 13.31 13.48 13.64 13.81 13.97 14.13 14.94 15.74	38 [264.2] 1.6830 1.6871 1.6940 1.7008 1.7075 1.7140 1.7267 1.7330 1.7391 1.7451 1.7510 1.7626 1.7683 1.7794 1.7849 1.7993 1.7993 1.7956 1.8213 1.8457	1170.3 1173.3 1178.4 1183.5 1198.5 1198.5 1203.4 1213.3 1218.2 1223.0 1227.9 1232.8 1247.3 1247.3 1247.3 1252.1 1256.9	10.76  10.84 11.01 11.17  11.34 11.51 11.67 11.83 12.00  12.16 12.33 12.49 12.65 12.81  12.97 13.13 13.29 13.45 13.61	39 [265.7] 1.6809 1.6839 1.6909 1.6977 1.7044 1.7109 1.7123 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596 1.7653 1.7704 1.7819 1.7819 1.7819 1.7818 1.7833	1170.8 1173.0 1178.1 1183.2 1188.2 1198.2 1203.2 1208.2 1213.1 1218.0 1222.9 1227.6 1247.2 1247.2 1252.0 1256.8 1261.7 1285.7 1309.8	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 11.85 12.01 12.17 12.33 12.48 12.64 12.86 13.12 13.27 13.42 14.19 14.95	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7391 1.7450 1.7567 1.7680 1.77567 1.7684 1.7799 1.7844 1.7897 1.8155 1.8399	1171.3 1172.7 1177.8 1182.9 1188.0 1198.0 1203.0 1203.0 1212.9 1217.8 1222.7 1227.6 1232.5 1242.0 1251.9 1256.7 1261.5 1285.6 1309.7
270 280 290 310 320 330 340 350 360 370 380 390 410 420 430 440 500 550 600	11.44 11.62 11.79 11.97 12.14 12.31 12.49 12.66 12.83 13.00 13.17 13.34 13.51 14.01 14.18 14.35 14.52 15.34 16.17 16.99	[262.6]  1.6851  1.6903 1.6972 1.7040  1.7107 1.7172 1.7236 1.7299 1.7361  1.7422 1.7482 1.7541 1.7600 1.7657  1.7714 1.7770 1.7825 1.7879 1.7933 1.7986 1.8243 1.8487 1.8720	1169.8 1173.6 1178.7 1183.7 1188.7 1198.7 1203.6 1208.6 1213.5 1218.3 1223.2 1228.1 1232.9 1237.8 1242.6 1247.4 1252.3 1257.1 1261.9 1285.9 1399.9 1393.9	11.03 11.13 11.30 11.47 11.65 11.82 11.98 12.15 12.32 12.49 12.65 12.82 12.99 13.15 13.31 13.48 13.64 13.81 13.97 14.13 14.94 15.74 16.54	38 [264.2] 1.6830 1.6871 1.6940 1.7075 1.7140 1.7204 1.7267 1.7330 1.7391 1.7451 1.7569 1.7626 1.7683 1.7739 1.794 1.794 1.794 1.794 1.794 1.7956 1.8493 1.8457 1.8690	1170.3 1173.3 1178.4 1183.5 1198.5 1198.5 1203.4 1213.3 1218.2 1223.0 1227.9 1232.8 1237.6 1242.5 1242.5 1244.3 1252.1 1256.9 1261.8 1285.8 1309.9 1334.0	10.76 10.84 11.01 11.17 11.34 11.51 11.67 11.83 12.00 12.16 12.33 12.49 12.65 12.81 12.97 13.13 13.29 13.45 13.61 13.76 14.55 15.33 16.11	39 [265.7] 1.6809 1.6839 1.6909 1.7044 1.7109 1.7173 1.7236 1.7299 1.7360 1.7421 1.7480 1.7539 1.7596 1.7653 1.7709 1.7764 1.7819 1.7819 1.7873 1.7926 1.8184 1.8428 1.8428 1.8428 1.8661	1170.8 1173.0 1178.1 1183.2 1198.2 1198.2 1203.2 1213.1 1218.0 1222.9 1227.8 1237.5 1242.3 1242.3 1242.3 1247.2 1252.0 1256.8 1261.7 1285.7 1285.7 1309.8 1333.9	10.51 10.56 10.72 10.89 11.05 11.21 11.37 11.53 11.69 12.17 12.33 12.48 12.64 12.80 12.96 13.12 13.27 13.42 14.95 15.71	40 [267.2] 1.6788 1.6808 1.6878 1.6946 1.7013 1.7079 1.7143 1.7207 1.7269 1.7331 1.7450 1.7509 1.7567 1.7680 1.77567 1.7684 1.7799 1.7897 1.7897 1.8155 1.8399 1.8633	1171.3 1172.7 1177.8 1182.9 1188.0 1193.0 1203.0 1203.0 1212.9 1217.8 1222.7 1227.6 1232.5 1237.3 1242.2 1247.0 1251.9 1256.7 1261.5 1285.6 1309.7 1333.8

Pres- sure		<b>41</b> [268.7]			<b>42</b> [270.2]			<b>43</b> [271.6]			<b>44</b> [273.0]	
Temp	V	g ·	i	V	8	i		s	i	v	8	i
Sat.	10.27	1.6768	1171.8	10.04	1.6749	1172.2	9.82	1.6730	1172.7	9.61	1.6712	1173.2
280 290	10.45	1.6848	1177.6	10.20	1.6818	1177.3	9.95	1.6789 1.6858	1177.0	9.72 9.87	1.6761	1176.8
300	10.77	1.6983	1187.8	10.51	1.6954	1187.5	10.26	1.6926	1187.3	10.02	1.6898	1187.0
320	11.09	1.7114	1197.8	10.82	1.7085	1197.6	10.56	1.7057	1197.4	10.32	1.7029	1197.1
330	11.25	1.7178	1202.8	10.97	1.7149	1202.6	10.71	1.7121	1202.4	10.46	1.7093	1202.2
350	11.56	1.7301	1212.7	11.28	1.7273	1212.5	11.01	1.7245	1212.3	10.76	1.7218	1212.1
360	11.71	1.7362	1217.6	11.43	1.7334	1217.4	11.16	1.7306	1217.3	10.90	1.7279	1217.1
370 380	11.87	1.7421	1222.5	11.58	I.7393 I.7452	1222.4	11.31	1.7366	1222.2	11.05	1.7339	1222.0
390	12.18	1.7538	1232.3	11.88	1.7510	1232.2	11.60	1.7483	1232.0	11.33	1.7456	1231.9
400	12.33	1.7595	1237.2	12.03	1.7567	1237.1	11.75	1.7540	1236.9	11.48	1.7513	1236.8
410	12.48	1.7651	1242.1	12.18	1.7623	1241.9	11.89	1.7596	1241.8	11.62	1.7569	1241.6
420	12.63	1.7707	1240.9	12.33	1.7734	1251.6	12.18	1.7707	1251.5	11.90	1.7680	1251.4
440	12.94	1.7816	1256.6	12.62	1.7788	1256.5	12.33	1.7761	1256.3	12.05	1.7734	1256.2
450	13.09	1.7869	1261.4	12.77	1.7841	1261.3	12.47	1.7814	1261.2	12.19	1.7788	1261.1
500	13.84	1.8127	1285.5	13.50	1.8100	1285.4	13.19	1.8073	1285.3	12.89	1.8047	1285.2
550 600	15.32	1.8371	1309.6	14.23	1.8578	1309.5	13.90	1.8552	1333.6	14.27	1.8526	1309.4
650	16.06	1.8829	1358.0	15.68	1.8802	1358.0	15.31	1.8776	1357.9	14.96	1.8750	1357.9
700	16.80	1.9044	1382.4	16.39	1.9017	1382.4	16.01	1.8991	1382.3	15.65	1.8965	1382.3
750	17.53	1.9251	1407.0	17.11	1.9224	1406.9	16.71	1.9198	1406.9	16.33	1.9173	1406.9
800	18.26	1.9452	1431.7	17.82	1.9425	1431.7	17.41	1.9399	1431.7	17.01	1.9373	1431.7
	00	<b>45</b> [274.4]			<b>46</b> [275.8]			<b>47</b> [277.1]			48 [278.4]	
Sat.	9.41		1173.6	9.22		1174.0	9.04		1174.4	8.86		1174.8
Sat. 280	9.49	[274.4] 1.6694 1.6733	1176.5	9.28	[275.8] 1.6676 1.6706	1176.2	9.08	[277.1] 1.6659 1.6679	1175.9	8.90	[278.4] 1.6642 1.6653	1175.7
Sat. 280 290	9.49 9.64	[274.4] 1.6694 1.6733 1.6802	1176.5	9.28 9.43	[275.8] 1.6676 1.6706 1.6775	1176.2 1181.4	9.08 9.22	[277.1] 1.6659 1.6679 1.6749	1175.9	8.90 9.03	[278.4] 1.6642 1.6653 1.6723	1175.7
Sat. 280 290 300	9.49 9.64 9.79	[274.4] 1.6694 1.6733 1.6802	1176.5 1181.7 1186.8	9.28 9.43 9.57	[275.8] 1.6676 1.6706 1.6775	1176.2 1181.4 1186.5	9.08 9.22 9.36	[277.1] 1.6659 1.6679 1.6749 1.6817	1175.9 1181.1 1186.3	8.90 9.03 9.16	[278.4] 1.6642 1.6653 1.6723	1175.7 1180.9
Sat. 280 290	9.49 9.64	[274.4] 1.6694 1.6733 1.6802	1176.5	9.28 9.43	[275.8] 1.6676 1.6706 1.6775	1176.2 1181.4	9.08 9.22	[277.1] 1.6659 1.6679 1.6749	1175.9	8.90 9.03	[278.4] 1.6642 1.6653 1.6723	1175.7
Sat. 280 290 300 310	9.49 9.64 9.79 9.94 10.08	[274.4] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7002 1.7066	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0	9.28 9.43 9.57 9.71 9.86	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.6976 1.7040	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8	9.08 9.22 9.36 9.50 9.64 9.78	[277.1] 1.6659 1.6679 1.6749 1.6817 1.6884 1.6949 1.7014	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5	8.90 9.03 9.16 9.30 9.43 9.57	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.6989	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3
Sat.  280 290  300 310 320 330 340	9.49 9.64 9.79 9.94 10.08 10.23	[2744] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7002 1.7066 1.7129	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0	9.28 9.43 9.57 9.71 9.86 10.00	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.6976 1.7040 1.7103	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8	9.08 9.22 9.36 9.50 9.64 9.78 9.92	[277.1] 1.6659 1.6679 1.6749 1.6817 1.6884 1.6949 1.7014 1.7077	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6	8.90 9.03 9.16 9.30 9.43 9.57 9.71	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.6989 1.7052	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4
Sat.  280 290  300 310 320 330 340  350	9.49 9.64 9.79 9.94 10.08 10.23 10.37	[274.4] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7002 1.7066 1.7129	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0	9.28 9.43 9.57 9.71 9.86 10.00 10.14	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.6976 1.7040 1.7103	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8	9.08 9.22 9.36 9.50 9.64 9.78 9.92	[277.1] 1.6659 1.6679 1.6749 1.6817 1.6884 1.6949 1.7014 1.7077	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6	8.90 9.03 9.16 9.30 9.43 9.57 9.71	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.6989 1.7052	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4
Sat.  280 290  300 310 320 330 340  350 360	9.49 9.64 9.79 9.94 10.08 10.23 10.37	[2744] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7002 1.7066 1.7129 1.7191 1.7252	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0	9.28 9.43 9.57 9.71 9.86 10.00 10.14	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.6976 1.7040 1.7103 1.7165 1.7226	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8	9.08 9.22 9.36 9.50 9.64 9.78 9.92	[277.1] 1.6659 1.6679 1.6749 1.6817 1.6884 1.6949 1.7014 1.7077	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.6989 1.7052 1.7114 1.7176	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4
Sat.  280 290  300 310 320 330 340  350	9.49 9.64 9.79 9.94 10.08 10.23 10.37	[274.4] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7002 1.7066 1.7129	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0	9.28 9.43 9.57 9.71 9.86 10.00 10.14	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.6976 1.7040 1.7103	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8	9.08 9.22 9.36 9.50 9.64 9.78 9.92	[277.1] 1.6659 1.6679 1.6749 1.6817 1.6884 1.6949 1.7014 1.7077	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6	8.90 9.03 9.16 9.30 9.43 9.57 9.71	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.6989 1.7052	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4
Sat.  280 290 300 310 320 330 340 350 360 370 380 390	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.51 10.66 10.80 10.94 11.08	[274.4] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7002 1.7066 1.7129 1.7191 1.7252 1.7312 1.7371 1.7429	1176.5 1181.7 1186.8 1191.9 1202.0 1207.0 1211.9 1221.8 1226.8 1231.7	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.7040 1.7103 1.7165 1.7226 1.7286 1.7345 1.7404	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8 1211.8 1216.7 1221.7 1226.6 1231.5	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60	[277.1] 1.6659 1.6679 1.6749 1.6817 1.6884 1.7014 1.7077 1.7139 1.7201 1.7261 1.7320 1.7379	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1216.5 1221.5 1226.4 1231.4	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.7052 1.7114 1.7176 1.7236 1.7295 1.7354	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2
Sat.  280 290  300 310 320 330 340  350 360 370 380 390  400	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.66 10.80 10.94 11.08	[274.4] 1.6694 1.6733 1.6802 1.6870 1.7002 1.7066 1.7129 1.7191 1.7252 1.7371 1.7429 1.7487	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1226.8 1231.7	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.7040 1.7103 1.7165 1.7226 1.7286 1.7345 1.7404	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8 1211.8 1216.7 1221.7 1226.6 1231.5	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60	[277.1] 1.6659 1.6679 1.6749 1.6884 1.6949 1.7014 1.7077 1.7139 1.7201 1.7261 1.7320 1.7379 1.7436	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1221.5 1226.4 1231.4	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.6989 1.7052 1.7114 1.7176 1.7236 1.7295 1.7354	1175.7 1186.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2
Sat. 280 290 300 310 320 330 340 350 360 370 380 390 400 410	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.66 10.80 10.94 11.08	[274-4] 1.6694 1.6733 1.6802 1.6870 1.7002 1.7006 1.7129 1.7191 1.7252 1.7312 1.7371 1.7429 1.7487	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1226.8 1231.7	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83	[275.8] 1.6676 1.6776 1.6775 1.6843 1.6910 1.7040 1.7103 1.7165 1.7226 1.7286 1.7345 1.7404 1.7471 1.7518	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8 1211.8 1216.7 1221.7 1226.6 1231.5	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60	[277.1] 1.6659 1.6679 1.6749 1.6884 1.6949 1.7077 1.7139 1.7201 1.7201 1.7320 1.7379 1.7436 1.7436 1.7493	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1221.5 1226.4 1231.4	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.7052 1.7114 1.7176 1.7236 1.7235 1.7354 1.7411 1.7468	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2
Sat. 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.56 10.80 10.94 11.08	[274-4] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7002 1.7062 1.7129 1.7129 1.7252 1.7312 1.7371 1.7429 1.7487 1.7543 1.7599	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1226.8 1231.7 1236.6 1241.5 1246.4	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.45 10.56 10.70 10.83	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.7040 1.7103 1.7126 1.7286 1.7286 1.7345 1.7404 1.7471 1.7518	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1216.8 1216.7 1221.7 1226.6 1231.5	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.33 10.46 10.60	[277.1] 1.6659 1.6679 1.6749 1.6817 1.6884 1.6949 1.7017 1.7139 1.7261 1.7261 1.7320 1.7379 1.7436 1.7436 1.7493 1.7549	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1221.5 1221.5 1226.4 1231.4	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.7052 1.7114 1.7126 1.7236 1.7295 1.7354 1.7411 1.7468 1.7524	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2 1231.2
Sat. 280 290 300 310 320 330 340 350 360 370 380 390 400 410	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.66 10.80 10.94 11.08	[274-4] 1.6694 1.6733 1.6802 1.6870 1.7002 1.7006 1.7129 1.7191 1.7252 1.7312 1.7371 1.7429 1.7487	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1226.8 1231.7	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83	[275.8] 1.6676 1.6776 1.6775 1.6843 1.6910 1.7040 1.7103 1.7165 1.7226 1.7286 1.7345 1.7404 1.7471 1.7518	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8 1211.8 1216.7 1221.7 1226.6 1231.5	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60	[277.1] 1.6659 1.6679 1.6749 1.6884 1.6949 1.7077 1.7139 1.7201 1.7201 1.7320 1.7379 1.7436 1.7436 1.7493	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1221.5 1226.4 1231.4	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.7052 1.7114 1.7176 1.7236 1.7235 1.7354 1.7411 1.7468	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2
Sat. 280 290 310 320 330 340 350 360 370 380 390 400 410 420 430 440	9.49 9.64 9.79 9.94 10.08 10.37 10.56 10.66 10.80 11.08 11.22 11.36 11.50 11.64 11.77	[274-4] 1.6694 1.6733 1.6802 1.6870 1.7002 1.7062 1.7066 1.7129 1.7129 1.7129 1.7312 1.7371 1.7429 1.7487 1.7543 1.7599 1.7654 1.7708	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1221.8 1226.8 1231.7 1236.6 1241.5 1246.4 1251.2 1256.1	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.56 10.70 10.83 10.97 11.11 11.24 11.38 11.52	[275.8]  1.6676  1.6776  1.6843 1.6910 1.7040 1.7103  1.7165 1.7226 1.7286 1.7345 1.7404  1.7471 1.7518 1.7528 1.7629 1.7683	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1216.7 1221.7 1226.6 1231.5 1236.5 1241.4 1246.2 1251.1 1256.0	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60 11.13 11.27	[277.1]  1.6659  1.6679 1.6749  1.6817 1.6884 1.7017 1.7139 1.7201 1.7261 1.7320 1.7379  1.7436 1.7493 1.7549 1.7654 1.7658	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1221.5 1226.4 1231.4 1236.3 1241.2 1246.1 1255.8	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37 10.51 10.64 10.77 10.90 11.03	[278.4] 1.6642 1.6653 1.6723 1.6791 1.6858 1.6924 1.7052 1.7114 1.7176 1.7236 1.7236 1.7235 1.7411 1.7468 1.7524 1.7579 1.7688	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2 1236.2 1241.1 1246.0 1250.8 1255.7
Sat. 280 290 300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 500	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.51 10.66 10.80 10.94 11.08 11.22 11.36 11.50 11.64 11.77	[274.4]  1.6694  1.6733 1.6802  1.6870 1.6937 1.7002 1.7066 1.7129  1.7191 1.7252 1.7371 1.7429  1.7487 1.7543 1.7599 1.7654 1.7708	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1221.8 1226.8 1231.7 1236.6 1241.5 1246.4 1251.2 1256.1	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83 10.97 11.11 11.24 11.38 11.52 11.65 12.32	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.7040 1.7103 1.7165 1.7286 1.7286 1.7345 1.7404 1.7471 1.7518 1.7574 1.7629 1.7683 1.7737 1.7996	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1216.8 1221.7 1221.7 1221.7 1226.6 1231.5 1236.5 1241.4 1246.2 1251.1 1256.0	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.13 10.46 10.60 10.73 10.87 11.00 11.13 11.27	[277.1]  1.6659  1.6679 1.6749  1.6817 1.6884 1.7017  1.7139 1.7261 1.7261 1.7320 1.7379  1.7436 1.7493 1.7549 1.7604 1.7658  1.7712 1.7971	1175.9 1181.1 1186.3 1191.4 1196.5 1206.6 1216.5 1226.5 1221.5 1226.4 1231.4 1236.3 1241.2 1246.1 1255.8	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37 10.51 10.64 10.77 10.90 11.03	[278.4]  1.6642  1.6653 1.6723  1.6791 1.6858 1.6924 1.7052  1.7114 1.7176 1.7295 1.7354  1.7411 1.7468 1.7579 1.7634 1.7688 1.7688 1.7947	1175.7 1186.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1221.3 1226.3 1231.2 1236.2 1241.1 1246.0 1250.8 1255.7
Sat.  280 290  300 310 320 330 340  350 360 370 380 390  410 420 430 440  450 550	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.66 10.80 11.08 11.22 11.36 11.50 11.64 11.77	[274-4]  1.6694  1.6733 1.6802  1.6870 1.6937 1.7002 1.7066 1.7129  1.7191 1.7252 1.7312 1.7371 1.7429  1.7487 1.7543 1.7594 1.7768  1.7762 1.8021 1.8026	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1221.8 1231.7 1236.6 1241.5 1246.4 1251.2 1256.1 1261.0 1285.1 1309.3	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83 10.97 11.11 11.24 11.38 11.52 11.65 12.32 12.99	[275.8]  1.6676  1.6706 1.6775 1.6843 1.6910 1.7040 1.7103 1.7165 1.7226 1.7286 1.7345 1.7404 1.7518 1.7574 1.7528 1.7629 1.7683	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8 1211.8 1212.7 1221.7 1226.6 1231.5 1236.5 1241.4 1246.2 1251.1 1256.0 1260.8 1285.0 1309.2	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60 11.13 11.27	[277.1]  1.6659  1.6679 1.6749 1.6884 1.6949 1.7014 1.7077  1.7139 1.7201 1.7261 1.7320 1.7379 1.7436 1.7493 1.7549 1.7658 1.7712 1.7971 1.8217	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1221.5 1221.5 1221.4 1231.4 1231.4 1251.0 1255.8	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37 10.51 10.64 10.77 10.90 11.03	[278.4]  1.6642  1.6653 1.6723  1.6791 1.6858 1.6924 1.6989 1.7052  1.7114 1.7176 1.7236 1.7295 1.7354  1.74411 1.7468 1.7527 1.7634  1.7688 1.7947 1.8193	1175.7 1186.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2 1236.2 1241.1 1246.0 1250.8 1255.7
Sat. 280 290 310 320 330 340 350 360 370 380 390 410 420 430 440 450 500	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.51 10.66 10.80 10.94 11.08 11.22 11.36 11.50 11.64 11.77	[274.4]  1.6694  1.6733 1.6802  1.6870 1.6937 1.7002 1.7066 1.7129  1.7191 1.7252 1.7371 1.7429  1.7487 1.7543 1.7599 1.7654 1.7708	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1221.8 1226.8 1231.7 1236.6 1241.5 1246.4 1251.2 1256.1	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83 10.97 11.11 11.24 11.38 11.52 11.65 12.32	[275.8] 1.6676 1.6706 1.6775 1.6843 1.6910 1.7040 1.7103 1.7165 1.7286 1.7286 1.7345 1.7404 1.7471 1.7518 1.7574 1.7629 1.7683 1.7737 1.7996	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1216.8 1221.7 1221.7 1221.7 1226.6 1231.5 1236.5 1241.4 1246.2 1251.1 1256.0	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.13 10.46 10.60 10.73 10.87 11.00 11.13 11.27	[277.1]  1.6659  1.6679 1.6749  1.6817 1.6884 1.7017  1.7139 1.7261 1.7261 1.7320 1.7379  1.7436 1.7493 1.7549 1.7604 1.7658  1.7712 1.7971	1175.9 1181.1 1186.3 1191.4 1196.5 1206.6 1216.5 1226.5 1221.5 1226.4 1231.4 1236.3 1241.2 1246.1 1255.8	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37 10.51 10.64 10.77 10.90 11.03	[278.4]  1.6642  1.6653 1.6723  1.6791 1.6858 1.6924 1.7052  1.7114 1.7176 1.7295 1.7354  1.7411 1.7468 1.7579 1.7634 1.7688 1.7688 1.7947	1175.7 1186.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1221.3 1226.3 1231.2 1236.2 1241.1 1246.0 1250.8 1255.7
Sat.  280 290 300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 500 550 600	9.49 9.64 9.79 9.94 10.08 10.37 10.56 10.80 10.94 11.08 11.22 11.36 11.50 11.64 11.77 11.91 12.60 13.28 13.95 14.63	[274-4]  1.6694  1.6733 1.6802  1.6870 1.6937 1.7002 1.7066 1.7129  1.7129  1.7252 1.7312 1.7371 1.7429  1.7487 1.7543 1.7599 1.7654 1.7708  1.7762 1.8021 1.8266 1.8500 1.8725	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1211.9 1221.8 1226.8 1231.7 1236.6 1241.5 1246.4 1251.2 1256.1 1261.0 1285.1 1309.3 1333.5 1357.8	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.56 10.70 10.83 10.97 11.11 11.24 11.38 11.52 12.32 12.99 13.65 14.31	[275.8]  1.6676  1.6706 1.6775  1.6843 1.6910 1.7040 1.7103  1.7165 1.7286 1.7286 1.7345 1.7404  1.7471 1.7518 1.7574 1.7629 1.7683  1.7737 1.7996 1.8241 1.8476 1.8700	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1216.7 1221.7 1226.6 1231.5 1236.5 1241.4 1246.2 1251.1 1256.0 1260.8 1285.0 1309.2 1333.5 1357.8	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60 11.13 11.27 11.40 12.06 12.71 13.36	[277.1]  1.6659  1.6679 1.6749  1.6817 1.6884 1.6949 1.7014 1.7077  1.7139 1.7201 1.7261 1.7320 1.7379  1.7436 1.7493 1.7549 1.7564 1.7658 1.7797 1.712 1.7971 1.8217 1.8217	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1201.5 1226.6 1221.5 1226.4 1231.4 1236.3 1241.2 1244.1 1251.0 1255.0 1260.7 1285.0 1309.2 1309.2	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37 10.51 10.64 11.80 11.16 11.80 12.44 13.08 13.71	[278.4]  1.6642  1.6653 1.6723  1.6791 1.6858 1.6924 1.7052  1.7114 1.7176 1.7236 1.7295 1.7354  1.7411 1.7468 1.7524 1.7579 1.7634 1.7688 1.7947 1.7688 1.7947 1.7688 1.7947 1.8193 1.8428	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1226.4 1211.4 1221.3 1226.3 1231.2 1231.2 1241.1 1246.0 1250.8 1255.7 1260.6 1284.9 1309.1 1333.3 1357.6
Sat.  280 290  300 310 320 330 340  350 360 370 380 410 420 430 440  450 550 600 650	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.51 10.66 10.80 11.08 11.22 11.36 11.50 11.64 11.77 11.91 12.60 13.28 13.95 14.63	[274-4] 1.6694 1.6733 1.6802 1.6870 1.6937 1.7006 1.7129 1.7191 1.7252 1.7312 1.7371 1.7429 1.7487 1.7543 1.7599 1.7654 1.7762 1.8021 1.8266 1.8500	1176.5 1181.7 1186.8 1191.9 1196.9 1202.0 1207.0 1221.8 1226.8 1221.7 1236.6 1241.5 1246.4 1251.2 1256.1 1261.0 1285.1	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83 10.97 11.11 11.24 11.38 11.52 11.65 12.32 12.39 13.65	[275.8]  1.6676  1.6775  1.6843 1.6910 1.703  1.7165 1.7226 1.7286 1.7345 1.7404  1.7471 1.7518 1.7574 1.7683 1.77683 1.77936 1.7396 1.7296 1.7296 1.7347 1.7404	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8 1211.8 1226.6 1231.5 1236.5 1241.4 1246.2 1251.1 1256.0 1260.8 1285.0 1309.2 1333.5 1382.2 1406.8	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.33 10.46 10.60 10.73 11.00 11.13 11.27 11.40 12.06 12.71 13.36 14.00	[277.1]  1.6659  1.6679 1.6749  1.6817 1.6884 1.6949 1.7014 1.7077  1.7139 1.7201 1.7261 1.7320 1.7379  1.7436 1.7493 1.7549 1.76548 1.77658 1.7712 1.7971 1.8217 1.8452 1.8676 1.8891 1.9099	1175.9 1181.1 1186.3 1191.4 1196.5 1201.5 1206.6 1211.6 1221.5 1226.4 1231.4 1236.3 1241.2 1244.2 1246.1 1255.0 1255.8 1260.7 1285.0 1309.2 1333.4 1357.7	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37 10.51 10.64 10.77 10.90 11.03 11.16 11.80 12.44 13.08	[278.4]  1.6642  1.6653 1.6723  1.6791 1.6858 1.6924 1.76929 1.7114 1.7176 1.7236 1.7295 1.7354  1.7411 1.7468 1.7524 1.7524 1.7638 1.7947 1.7688 1.7947 1.8193 1.8428 1.8652 1.8868 1.9076	1175.7 1180.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1226.3 1231.2 1236.2 1241.1 1246.0 1250.8 1255.7
Sat.  280 290  300 310 320 330 340  350 360 370 380 410 420 430 440  450 550 600 650	9.49 9.64 9.79 9.94 10.08 10.23 10.37 10.51 10.66 10.80 10.94 11.08 11.22 11.36 11.50 11.64 11.77 11.91 12.60 13.28 13.95 14.63	[274.4]  1.6694  1.6733 1.6802  1.6870 1.6937 1.7002 1.7066 1.7129  1.7191 1.7252 1.7312 1.7312 1.7429  1.7487 1.7543 1.7599 1.7654 1.7708  1.7762 1.8021 1.8266 1.8500 1.8725	1176.5 1181.7 1186.8 1191.9 1196.9 1207.0 1217.9 1216.9 1221.8 1221.8 1231.7 1236.6 1241.5 1246.4 1251.2 1256.1 1261.0 1285.1 1309.3 1333.5 1357.8	9.28 9.43 9.57 9.71 9.86 10.00 10.14 10.28 10.42 10.56 10.70 10.83 10.97 11.11 11.24 11.38 11.52 11.65 12.32 12.99 13.65 14.31 14.97	[275.8]  1.6676  1.6706 1.6775  1.6843 1.6910 1.7040 1.7103  1.7165 1.7286 1.7286 1.7345 1.7404  1.7471 1.7518 1.7574 1.7629 1.7683  1.7737 1.7996 1.8241 1.8476 1.8476 1.8915	1176.2 1181.4 1186.5 1191.6 1196.7 1201.8 1206.8 1211.8 1216.7 1221.7 1226.6 1231.5 1236.5 1241.4 1246.2 1251.1 1256.0 1260.8 1285.0 1309.2 1333.5 1357.8 1382.2	9.08 9.22 9.36 9.50 9.64 9.78 9.92 10.06 10.19 10.33 10.46 10.60 10.73 11.00 11.13 11.27 11.40 12.06 12.71 13.36 14.00	[277.1]  1.6659  1.6679 1.6749  1.6817 1.6884 1.7017  1.7139 1.7261 1.7320 1.7379  1.7436 1.7493 1.7549 1.7604 1.7658  1.7712 1.7971 1.8217 1.8452 1.8676 1.8891	1175.9 1181.1 1186.3 1191.4 1196.5 1201.6 1216.5 1221.5 1221.5 1221.4 1231.4 1236.3 1241.2 1246.1 1251.0 1255.8 1260.7 1285.0 1333.4 1357.7 1382.2	8.90 9.03 9.16 9.30 9.43 9.57 9.71 9.84 9.98 10.11 10.24 10.37 10.51 10.64 10.77 10.90 11.03 11.16 11.80 12.44 13.08 13.71	[278.4]  1.6642  1.6653 1.6723  1.6791 1.6858 1.6924 1.6989 1.7052  1.7114 1.7176 1.7295 1.7354  1.7411 1.7468 1.7579 1.7634 1.7688 1.7947 1.8193 1.8428 1.8652 1.8868	1175.7 1186.9 1186.0 1191.1 1196.2 1201.3 1206.4 1211.4 1221.3 1221.3 1226.3 1231.2 1236.2 1241.1 1246.0 1250.8 1255.7 1260.6 1284.9 1309.1 1333.3 1357.6

_		40		1 2	F0		1	F4			FO	
Pres- sure		<b>49</b> [279.7]			<b>50</b> [281.0]			<b>51</b> [282.3]			<b>52</b> [283.5]	
Temp ° F.		ss	i	<b>v</b>	8	i	v	s	i		s	i
Sat.	8.69	1.6625	1175.2	8.53	1.6609	1175.6	8.37	1.6593	1176.0	8.22	1.6577	1176.4
290	8.83	1.6697	1180.6	8.65	1.6672	1180.3	8.47	1.6647	1180.1	8.31	1.6623	1179.8
300	8.97	1.6766	1185.8	8.78	1.6741	1185.5	8.60	1.6716	1185.3	8.43	1.6692	1185.0
310	9.10	1.6833	1190.9	8.91	1.6808	1190.7	8.73	1.6784	1190.4	8.56	1.6760	1190.2
320 330	9.24	1.6899	1196.0	9.05	1.6874	1195.8	8.86	1.6850	1195.6	8.69	1.6826	1195.4
340	9.50	1.7027	1206.2	9.31	1.7003	1206.0	9.12	1.6979	1205.8	8.94	1.6956	1205.6
350	9.64	1.7090	1211.2	9.44	1.7066	1211.0	9.25	1.7042	1210.8	9.07	1.7018	1210.6
360	9.77	1.7151	1216.2	9.57	1.7127	1216.0	9.38	1.7103	1215.8	9.19	1.7080	1215.6
370	9.90	1.7212	1221.1	9.70	1.7188	1221.0	9.50	1.7164	1220.8	9.32	1.7141	1220.6
380 390	10.03	1.7271	1226.1	9.82	1.7247	1225.9	9.63	1.7224	1225.8	9.44	1.7201	1225.6
400	10.29		1236.0	10.08			9.73			9.50		
410	10.42	1.7387	1230.0	10.00	1.7364	1235.9	10.00	1.7340	1235.7	9.81	1.7317	1235.6
420	10.55	1.7500	1245.8	10.33	1.7477	1245.7	10.13	1.7454	1245.6	9.93	1.7431	1245.4
430	10.67	1.7555	1250.7	10.46	1.7532	1250.6	10.25	1.7509	1250.5	10.05	1.7486	1250.3
440	10.80	1.7610	1255.6	10.58	1.7587	1255.5	10.37	1.7564	1255.3	10.17	1.7541	1255.2
450	10.93	1.7664	1260.5	10.71	1.7641	1260.4	10.50	1.7618	1260.2	10.29	1.7595	1260.1
460 470	11.06	1.7717	1265.3	10.83	1.7694	1265.2	10.62	1.7671	1265.1	10.41	1.7649	1265.0
480	11.31	1.7822	1275.0	11.08	1.7799	1274.9	10.74	1.7776	1274.9	10.65	1.7754	1274.8
490	11.44	1.7873	1279.9	11.20	1.7850	1279.8	10.98	1.7827	1279.7	10.77	1.7805	1279.6
500	11.56	1.7924	1284.8	11.33	1.7901	1284.7	11.10	1.7878	1284.6	10.89	1.7856	1284.5
550	12.19	1.8170	1309.0	11.94	1.8147	1308.9	11.71	1.8125	1308.9	11.48	1.8103	1308.8
600 650	12.81	1.8405	1333.3	12.55	1.8382	1333.2	12.31	1.8360	1333.2	12.07	1.8338	1333.1
-55	-3.43	210029	-337.0	-3.20	21000,	-337.3	12.90	2.0303	-337.3	12.03	2.0505	-337.4
-										1		
		<b>53</b> [284.7]			<b>54</b> [285.9]			<b>55</b> [287.1]			<b>56</b> [288,2]	
Sat.	8.07		1176.7	7.93		1177.1	7.80		1177.5	7.67		1177.8
Sat. 290	8.07	[284.7]	1176.7	7·93 7·99	[285.9]	1177.1	7.80	[287.1]	1177.5	7.67 7.69	[288.2]	1177.8
		[284.7] 1.6562			[285.9] 1.6547		7.84	[287.1]			[288.2]	
290 300 310	8.14 8.27 8.40	[284.7] 1.6562 1.6599 1.6668 1.6736	1179.5 1184.8 1190.0	7.99 8.11 8.23	[285.9] 1.6547 1.6576 1.6645 1.6713	1179.3 1184.5 1189.7	7.84 7.96 8.08	[287.1] 1.6532 1.6553 1.6622 1.6690	1179.0 1184.3 1189.5	7.69 7.81 7.93	[288.2] 1.6517 1.6530 1.6600 1.6668	1178.7 1184.0 1189.2
290 300 310 320	8.14 8.27 8.40 8.52	1.6562 1.6599 1.6668 1.6736 1.6803	1179.5 1184.8 1190.0 1195.1	7.99 8.11 8.23 8.36	[285.9] 1.6547 1.6576 1.6645 1.6713 1.6780	1179.3 1184.5 1189.7 1194.9	7.84 7.96 8.08 8.20	[287.1] 1.6532 1.6553 1.6622 1.6690 1.6757	1179.0 1184.3 1189.5 1194.7	7.69 7.81 7.93 8.05	[288.2] 1.6517 1.6530 1.6600 1.6668 1.6735	1178.7 1184.0 1189.2 1194.4
290 300 310 320 330	8.14 8.27 8.40 8.52 8.64	[284.7] 1.6562 1.6599 1.6668 1.6736 1.6803 1.6868	1179.5 1184.8 1190.0 1195.1 1200.3	7.99 8.11 8.23 8.36 8.48	[285.9] 1.6547 1.6576 1.6645 1.6713 1.6780 1.6846	1179.3 1184.5 1189.7 1194.9 1200.0	7.84 7.96 8.08 8.20 8.32	[287.1] 1.6532 1.6553 1.6622 1.6690 1.6757 1.6823	1179.0 1184.3 1189.5 1194.7 1199.8	7.69 7.81 7.93 8.05 8.17	[288.2] 1.6517 1.6530 1.6600 1.6668 1.6735 1.6801	1178.7 1184.0 1189.2 1194.4 1199.6
300 310 320 330 340	8.14 8.27 8.40 8.52 8.64 8.77	[284.7] 1.6562 1.6599 1.6668 1.6736 1.6863 1.6868 1.6933	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4	7.99 8.11 8.23 8.36 8.48 8.60	[285.9] 1.6547 1.6576 1.6645 1.6713 1.6780 1.6846 1.6910	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1	7.84 7.96 8.08 8.20 8.32 8.44	[287.1] 1.6532 1.6553 1.6622 1.6690 1.6757 1.6823 1.6888	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9	7.69 7.81 7.93 8.05 8.17 8.29	[288.2] 1.6517 1.6530 1.6600 1.6668 1.6735 1.6866	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7
300 310 320 330 340 350	8.14 8.27 8.40 8.52 8.64 8.77	1.6562 1.6599 1.6668 1.6736 1.6863 1.6868 1.6933	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4	7.99 8.11 8.23 8.36 8.48 8.60	[285.9] 1.6547 1.6576 1.6645 1.6780 1.6846 1.6910 1.6973	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1	7.84 7.96 8.08 8.20 8.32 8.44	[287.1] 1.6532 1.6553 1.6622 1.6690 1.6757 1.6823 1.6888 1.6951	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9	7.69 7.81 7.93 8.05 8.17 8.29	[288.2] 1.6517 1.6530 1.6600 1.6668 1.6735 1.6866 1.6929	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7
300 310 320 330 340	8.14 8.27 8.40 8.52 8.64 8.77	[284.7] 1.6562 1.6599 1.6668 1.6736 1.6863 1.6868 1.6933	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4	7.99 8.11 8.23 8.36 8.48 8.60	[285.9] 1.6547 1.6576 1.6645 1.6713 1.6780 1.6846 1.6910	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1	7.84 7.96 8.08 8.20 8.32 8.44	[287.1] 1.6532 1.6553 1.6622 1.6690 1.6757 1.6823 1.6888 1.6951 1.7013	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9	7.69 7.81 7.93 8.05 8.17 8.29	[288.2] 1.6517 1.6530 1.6600 1.6668 1.6735 1.6866	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7
290 300 310 320 330 340 350 360	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02	1.6562 1.6599 1.6668 1.6736 1.6803 1.6868 1.6933 1.6995 1.7057	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1215.4	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84	[285.9] 1.6547 1.6576 1.6645 1.6713 1.6780 1.6846 1.6910 1.6973 1.7035	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1215.2	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68	[287.1] 1.6532 1.6553 1.6622 1.6690 1.6757 1.6823 1.6888 1.6951	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52	[288.2] 1.6517 1.6530 1.6600 1.6668 1.6735 1.6801 1.6866 1.6929 1.6991	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7
290 300 310 320 330 340 350 360 370 380 390	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38	[284.7] 1.6562 1.6599 1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7178 1.7237	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1215.4 1220.4 1225.4 1230.4	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96	[285.9]  1.6547  1.6576  1.6645 1.6780 1.6846 1.6910 1.6973 1.7035 1.7096	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1215.2 1220.3	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.80	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.6888  1.6951  1.7013  1.7074  1.7134  1.7193	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1215.1 1220.1 1220.1 1230.1	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87	[288.2] 1.6517 1.6530 1.6660 1.6668 1.6735 1.6801 1.6866 1.6929 1.6991 1.7053 1.7113 1.7172	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1219.9
290 300 310 320 330 340 360 370 380 390 400	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38	[284.7]  1.6562  1.6599  1.6668  1.6803  1.6868  1.6933  1.6995  1.7057  1.7118  1.7237	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1220.4 1225.4 1230.4	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.32	[285.9]  1.6547  1.6576  1.6645 1.6713 1.6780 1.6846 1.6910 1.6973 1.7035 1.7096 1.7156 1.7215	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1220.3 1225.3 1235.3	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.80 9.03	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.6888  1.6951  1.7013  1.7074  1.7134  1.7193	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1220.1 1225.1 1235.1	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87	[288.2] 1.6517 1.6530 1.6660 1.6668 1.6735 1.6801 1.6866 1.6929 1.7953 1.7113 1.7172	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1224.9
290 300 310 320 330 340 350 360 370 380 390 410	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38 9.50 9.62	[284.7]  1.6562  1.6599  1.6668  1.6803  1.6868  1.6933  1.7057  1.7118  1.7237  1.7295  1.7352	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1215.4 1220.4 1225.4 1230.4 1235.4	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44	[285.9]  1.6547  1.6576  1.6645 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7215	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1220.3 1225.3 1235.3 1240.2	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15	[287.1]  1.6532  1.6553  1.6622 1.6690 1.6757 1.6823 1.6888  1.7013 1.7074 1.7134 1.7193  1.7251 1.7308	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1220.1 1225.1 1235.1 1240.1	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87 8.98 9.09	[288.2] 1.6517 1.6530 1.6660 1.6668 1.6735 1.6866 1.6929 1.7053 1.7113 1.7172 1.7230 1.7287	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1214.9 1224.9 1229.9
290 300 310 320 330 340 360 360 370 380 390 410 420	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38 9.50 9.74	[284.7]  1.6562  1.6599  1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7178 1.7237	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1215.4 1220.4 1220.4 1230.4 1235.4 1240.4 1245.3	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55	[285.9]  1.6547  1.6576  1.6645 1.6713 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7213 1.7330 1.7387	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1215.2 1220.3 1235.3 1235.3 1240.2 1245.1	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.80 8.92 9.03 9.15 9.26 9.38	[287.1]  1.6532  1.6553  1.6622 1.6690 1.6757 1.6823 1.6888  1.6951 1.7013 1.7074 1.7134 1.7193  1.7251 1.7308 1.7365	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1220.1 1225.1 1230.1	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87 8.98 9.09 9.21	[288.2] 1.6517 1.6530 1.6660 1.6660 1.6735 1.6866 1.6929 1.7053 1.7113 1.7172 1.7230 1.7230 1.7237 1.7234	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 12219.9 1224.9 1234.9 1234.9 1234.9
290 300 310 320 330 340 350 360 370 380 390 410	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38 9.50 9.62	[284.7]  1.6562  1.6599  1.6668  1.6803  1.6868  1.6933  1.7057  1.7118  1.7237  1.7295  1.7352	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1215.4 1220.4 1225.4 1230.4 1235.4	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44	[285.9]  1.6547  1.6576  1.6645 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7215	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1220.3 1225.3 1235.3 1240.2	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15	[287.1]  1.6532  1.6553  1.6622 1.6690 1.6757 1.6823 1.6888  1.7013 1.7074 1.7134 1.7193  1.7251 1.7308	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1220.1 1225.1 1235.1 1240.1	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87 8.98 9.09	[288.2] 1.6517 1.6530 1.6660 1.6668 1.6735 1.6866 1.6929 1.7053 1.7113 1.7172 1.7230 1.7287	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1214.9 1224.9 1229.9
290 300 310 320 330 340 350 360 370 380 390 410 420 430 440	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.38 9.50 9.62 9.74 9.86 9.98	[284.7]  1.6562  1.6599  1.6668 1.6803 1.6868 1.6933  1.7057 1.7118 1.7237  1.7295 1.7352 1.7409 1.7464 1.7519	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1210.4 1220.4 1220.4 1230.4 1235.4 1240.4 1245.3 1250.2 1255.1	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79	[285.9]  1.6547  1.6576  1.6645 1.6713 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7213 1.7330 1.7387 1.7442 1.7497	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1215.2 1225.3 1235.3 1240.2 1245.1 1250.1 1255.0	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15 9.26 9.38 9.49 9.61	[287.1]  1.6532  1.6553  1.6622 1.6690 1.6757 1.6823 1.7074 1.7134 1.7093 1.7251 1.7308 1.7365 1.7421 1.7476	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1225.1 1235.1 1245.0 1245.0 1249.9 1254.8 1259.8	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87 8.98 9.09 9.21 9.32 9.43	[288.2]  1.6517  1.6530  1.66600  1.6668  1.6735  1.6866  1.6929  1.7053  1.7113  1.7172  1.7230  1.7287  1.7344  1.7400  1.7455  1.7509	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1224.9 1234.9 1234.9 1244.9 1249.8 1254.7
290 300 310 320 330 340 360 370 380 390 410 420 430 440 450 460	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.12 9.38 9.50 9.62 9.74 9.86 9.98	[284.7]  1.6562  1.6599  1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7128 1.7237 1.7409 1.7464 1.7519 1.7573 1.7627	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1220.4 1223.4 1223.4 1235.4 1245.3 1250.2 1255.1	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79	[285.9]  1.6547  1.6576  1.6645 1.6713 1.6780 1.6846 1.6910  1.6973 1.7096 1.71215 1.7273 1.7338 1.7338 1.7442 1.74497  1.7551 1.7605	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1225.3 1220.3 1225.3 1230.3 1245.1 1250.1 1255.0 1259.9 1264.8	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15 9.26 9.49 9.61	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.7013  1.7074  1.7134  1.7134  1.7193  1.7251  1.7308  1.7365  1.7421  1.7476  1.7530  1.7584	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1220.1 1225.1 1230.1 1245.0 1249.9 1254.8 1259.8 1259.8	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87 8.98 9.09 9.21 9.32 9.43	[288.2] 1.6517 1.6530 1.6660 1.6668 1.6735 1.6866 1.6929 1.7053 1.7113 1.7172 1.7230 1.7287 1.7244 1.7400 1.7455 1.7509 1.7563	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1229.9 1234.9 1244.9 1249.8 1254.7
290 300 310 320 330 340 350 360 370 380 400 410 420 430 440 450 460 470	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38 9.50 9.62 9.74 9.86 9.98	[284.7]  1.6562  1.6599  1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7237 1.7295 1.7352 1.7404 1.7519 1.7573 1.7627 1.7680	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1225.4 1225.4 1225.4 1235.4 1245.3 1245.3 1250.2 1255.1	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79	[285.9]  1.6547  1.6576  1.6645 1.6713 1.6780 1.6846 1.6910  1.6973 1.7096 1.7156 1.7215  1.7273 1.7330 1.7387 1.7442 1.7497  1.7551 1.7605 1.7658	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1220.3 1225.3 1235.3 1245.1 1250.1 1255.0 1259.9 1264.8 1269.7	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15 9.26 9.38 9.49 9.61	[287.1]  1.6532  1.6553  1.66522  1.6690  1.6757  1.6823  1.7074  1.7134  1.7193  1.7251  1.7308  1.7358  1.7476  1.7530  1.7530  1.7584  1.7637	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1220.1 1225.1 1230.1 1235.1 1245.0 1249.9 1254.8 1259.8 1264.7 1269.6	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.98 9.09 9.21 9.32 9.43 9.55 9.66 9.77	[288.2]  1.6517  1.6530  1.6660  1.6668  1.6735  1.6801  1.6929  1.7953  1.7113  1.7172  1.7230  1.7287  1.7344  1.7400  1.7455  1.7509  1.7563  1.7616	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1224.9 1234.9 1234.9 1244.9 1244.9 1244.8 1254.7
290 300 310 320 330 340 360 370 380 390 410 420 430 440 450 460	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.12 9.38 9.50 9.62 9.74 9.86 9.98	[284.7]  1.6562  1.6599  1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7128 1.7237 1.7409 1.7464 1.7519 1.7573 1.7627	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1220.4 1223.4 1223.4 1235.4 1245.3 1250.2 1255.1	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79	[285.9]  1.6547  1.6576  1.6645 1.6713 1.6780 1.6846 1.6910  1.6973 1.7096 1.71215 1.7273 1.7338 1.7338 1.7442 1.74497  1.7551 1.7605	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1225.3 1220.3 1225.3 1230.3 1245.1 1250.1 1255.0 1259.9 1264.8	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15 9.26 9.49 9.61	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.7013  1.7074  1.7134  1.7134  1.7193  1.7251  1.7308  1.7365  1.7421  1.7476  1.7530  1.7584	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1220.1 1225.1 1230.1 1245.0 1249.9 1254.8 1259.8 1259.8	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87 8.98 9.09 9.21 9.32 9.43 9.555 9.66	[288.2] 1.6517 1.6530 1.6660 1.6668 1.6735 1.6866 1.6929 1.7053 1.7113 1.7172 1.7230 1.7287 1.7244 1.7400 1.7455 1.7509 1.7563	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1229.9 1234.9 1244.9 1249.8 1254.7
290 300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38 9.50 9.62 9.78 9.98 10.09 10.21 10.33 10.45	[284.7]  1.6562  1.6599  1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7237 1.7295 1.7352 1.7409 1.7519 1.7573 1.7627 1.7680 1.7732	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1215.4 1225.4 1225.4 1225.4 1225.4 1245.3 1250.2 1255.1 1260.0 1264.9 1274.7 1279.5	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79 10.02 10.14 10.25	[285.9]  1.6547  1.6576  1.6645 1.6713 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7215  1.7273 1.7330 1.7387 1.7442 1.7551 1.7605 1.7658 1.7758	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1215.2 1220.3 1225.3 1230.3 1235.3 1240.2 1245.1 1250.1 1255.0 1259.9 1264.8 1269.7 1274.6 1279.4	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.80 8.92 9.03 9.15 9.26 9.38 9.49 9.61 9.72 9.84 9.95 10.06	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.7013  1.7074  1.7134  1.7133  1.7251  1.7308  1.7365  1.7421  1.7476  1.7530  1.7584  1.7637  1.7689  1.7741	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1225.1 1225.1 1235.1 1240.1 1249.9 1254.8 1259.8 1264.7 1269.6 1274.4	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.98 9.09 9.21 9.32 9.43 9.55 9.66 9.77 9.88	[288.2]  1.6517  1.6530  1.6600  1.6668  1.6735  1.6801  1.6866  1.6929  1.7053  1.7113  1.7172  1.7287  1.7287  1.7344  1.7400  1.7455  1.7509  1.7566  1.7668	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1224.9 1234.9 1234.9 1249.8 1254.7 1259.6 1264.5 1269.4 1274.3
290 300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480 490 550	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38 9.50 9.62 9.74 9.86 9.98 10.09 10.21 10.33 10.45 10.56	[284.7]  1.6562  1.6599  1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7237 1.7237 1.7295 1.7352 1.7409 1.7573 1.7627 1.7680 1.7783 1.7783 1.7834 1.8081	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1225.4 1225.4 1225.4 1235.4 1245.3 1245.3 1250.2 1255.1 1260.0 1264.9 1279.5 1284.4 1308.7	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79 9.90 10.02 10.14 10.25 10.37	[285.9]  1.6547  1.6576  1.66445 1.6713 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7215  1.7273 1.7330 1.7387 1.7442 1.7497 1.7551 1.7658 1.7766 1.7762 1.7813 1.8060	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1220.3 1225.3 1235.3 1240.2 1240.2 1245.1 1255.0 1259.9 1264.8 1269.7 1274.6	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15 9.26 9.38 9.49 9.61 9.72 9.84 9.95 10.06 10.18	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.7074  1.7134  1.7193  1.7251  1.7308  1.7358  1.7476  1.7530  1.7584  1.7689  1.77691  1.7792  1.8039	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1225.1 1225.1 1235.1 1245.0 1249.9 1254.8 1259.8 1264.7 1269.6 1274.4 1279.3 1284.2 1308.5	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.98 9.09 9.21 9.32 9.43 9.55 9.66 9.77 9.88 9.99 10.10	[288.2]  1.6517  1.6530  1.6600 1.6668 1.6735 1.6801 1.6866  1.6929 1.7953 1.7113 1.7172  1.7230 1.7287 1.7344 1.7400 1.7455 1.7509 1.7563 1.7616 1.7668 1.7720 1.7771 1.8018	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1224.9 1239.9 1244.9 1254.7 1259.6 1264.5 1274.3 1279.2
290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 550 600	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.12 9.26 9.38 9.50 9.62 9.74 9.86 9.98 10.09 10.21 10.33 10.45 10.56	[284.7]  1.6562  1.6599  1.6668  1.6736  1.6863  1.6868  1.7057  1.718  1.7237  1.7295  1.7409  1.7519  1.7573  1.7680  1.7732  1.7783  1.7834  1.8081  1.8346	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1215.4 1225.4 1225.4 1235.4 1245.3 1250.2 1260.0 1264.9 1274.7 1279.5 1284.4 1308.7 1333.0	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79 10.02 10.14 10.25 10.37	[285.9]  1.6547  1.6576  1.66445 1.6713 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7215  1.7273 1.7330 1.7387 1.7442 1.7497 1.7555 1.7658 1.7750 1.7762  1.7813 1.8060 1.8295	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1215.2 1225.3 1235.3 1240.2 1245.1 1250.1 1255.0 1259.9 1264.8 1269.7 1274.6 1279.4 1284.3 1308.6 1332.9	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15 9.26 9.38 9.49 9.61 9.72 9.84 9.95 10.06 10.18	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.7074  1.7134  1.7193  1.7251  1.7308  1.7365  1.7421  1.7476  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530  1.7530	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1225.1 1235.1 1240.1 1245.0 1249.9 1254.8 1254.8 1264.7 1269.6 1274.4 1279.3 1284.2 1308.5 1332.9	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.87 8.98 9.09 9.21 9.32 9.43 9.55 9.66 9.77 9.88 9.99	[288.2]  1.6517  1.6530  1.6660  1.6668  1.6735  1.6861  1.6866  1.6929  1.7953  1.7113  1.7172  1.7230  1.7287  1.7344  1.7405  1.7509  1.7559  1.7568  1.7668  1.7720  1.7771  1.8018  1.8254	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1224.9 1234.9 1244.9 1254.7 1259.6 1264.5 1274.3 1279.2
290 300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480 490 550	8.14 8.27 8.40 8.52 8.64 8.77 8.89 9.02 9.14 9.26 9.38 9.50 9.62 9.74 9.86 9.98 10.09 10.21 10.33 10.45 10.56	[284.7]  1.6562  1.6599  1.6668 1.6736 1.6868 1.6933 1.6995 1.7057 1.7118 1.7237 1.7237 1.7295 1.7352 1.7409 1.7573 1.7627 1.7680 1.7783 1.7783 1.7834 1.8081	1179.5 1184.8 1190.0 1195.1 1200.3 1205.4 1210.4 1225.4 1225.4 1225.4 1235.4 1245.3 1245.3 1250.2 1255.1 1260.0 1264.9 1279.5 1284.4 1308.7	7.99 8.11 8.23 8.36 8.48 8.60 8.72 8.84 8.96 9.08 9.20 9.32 9.44 9.55 9.67 9.79 9.90 10.02 10.14 10.25 10.37	[285.9]  1.6547  1.6576  1.66445 1.6713 1.6780 1.6846 1.6910  1.6973 1.7035 1.7096 1.7156 1.7215  1.7273 1.7330 1.7387 1.7442 1.7497 1.7551 1.7658 1.7766 1.7762 1.7813 1.8060	1179.3 1184.5 1189.7 1194.9 1200.0 1205.1 1210.2 1220.3 1225.3 1235.3 1245.1 1250.1 1255.0 1259.9 1264.8 1269.7 1274.6 1279.4	7.84 7.96 8.08 8.20 8.32 8.44 8.56 8.68 8.92 9.03 9.15 9.26 9.38 9.49 9.61 9.72 9.84 9.95 10.06 10.18	[287.1]  1.6532  1.6553  1.6622  1.6690  1.6757  1.6823  1.7074  1.7134  1.7193  1.7251  1.7308  1.7358  1.7476  1.7530  1.7584  1.7689  1.77691  1.7792  1.8039	1179.0 1184.3 1189.5 1194.7 1199.8 1204.9 1210.0 1215.1 1225.1 1225.1 1235.1 1245.0 1249.9 1254.8 1259.8 1264.7 1269.6 1274.4 1279.3 1284.2 1308.5	7.69 7.81 7.93 8.05 8.17 8.29 8.40 8.52 8.64 8.75 8.98 9.09 9.21 9.32 9.43 9.55 9.66 9.77 9.88 9.99 10.10	[288.2]  1.6517  1.6530  1.6600 1.6668 1.6735 1.6801 1.6866  1.6929 1.7953 1.7113 1.7172  1.7230 1.7287 1.7344 1.7400 1.7455 1.7509 1.7563 1.7616 1.7668 1.7720 1.7771 1.8018	1178.7 1184.0 1189.2 1194.4 1199.6 1204.7 1209.8 1214.9 1224.9 1224.9 1239.9 1244.9 1254.7 1259.6 1264.5 1274.3 1279.2

300 7.67 1.6578 1183.8 7.53 1.6526 1183.5 7.40 1.6534 1183.2 7.27 1.6513 1183.3 7.99 1.6646 1189.0 7.05 1.6624 1188.8 7.51 1.6603 1183.5 7.38 1.6523 320 7.90 1.6793 1199.4 7.85 1.6782 1199.2 7.74 1.653 1183.5 7.38 1.6503 330 8.02 1.6793 1199.4 7.85 1.6783 1199.2 7.74 1.6737 1193.8 7.49 1.6553 1183.3 7.85 1.6502 1204.1 7.72 1.6761 1193.8 7.30 1.6936 8.25 1.6907 1209.6 8.10 1.6886 1209.4 7.96 1.6865 1209.1 204.1 7.72 1.6761 1193.8 7.30 1.6936 8.37 1.6907 1214.7 8.22 1.6949 1214.5 8.08 1.6928 1214.1 3.794 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.3 7.94 1.6958 1214.4 8.10 1.7031 1214.5 8.08 1.7031 1214.5 8.08 1.7031 1214.5 8.08 1.7031 1214.5 8.08 1.7031 1214.5 8.08 1.7031 1214.5 8.08 1.7031 1214.5 8.08 1.7031 1214.5 8.08 1.7030 1214.4 8.16 1.7031 1214.0 8.93 1.7361 1239.8 8.56 1.7350 1224.6 8.30 1.7050 1224.4 8.16 1.7031 1224.6 8.93 1.7361 1239.8 8.57 1.7188 1234.6 8.52 1.7266 1239.5 8.48 1.7266 1239.4 9.91 1.7373 1249.6 8.99 1.7339 1249.6 8.59 1.7339 1249.4 8.69 1.7331 1249.5 8.44 1.733 1244.7 8.89 1.7331 1249.5 8.44 1.7332 1244.4 9.32 1.7444 1254.6 8.30 1.7266 1239.4 8.69 1.7319 1249.9 8.91 1.7379 1249.6 8.91 1.7379 1249.6 8.91 1.7379 1249.6 8.91 1.7379 1249.6 8.91 1.7379 1249.6 8.91 1.7389 1249.4 8.91 1.7389 1249.4 9.27 1.7434 1254.6 9.10 1.7444 1254.6 8.91 1.7449 1249.4 8.91 1.7581 1249.9 9.81 1.7700 1279.1 9.64 1.7688 1241.9 1.937 1.7585 1250.1 9.11 1.7588 1244.4 9.32 1.7588 1.7910 1249.5 8.91 1.7588 1244.1 9.32 1.7588 1.7910 1249.5 8.91 1.7588 1244.9 9.11 1.75	Pres- sure	130	<b>57</b> [289.4]			<b>58</b> [290.5]			<b>59</b> [291.6]			<b>60</b> [292.7]	
300	Temp	v	s	i	V	s	i	▼	8	i	▼	S	i
310   7.79   1.6646   1189.0   7.65   1.6624   1188.8   7.51   1.6603   1188.5   7.38   1.6582   1183.3   20. 1.6797   1199.4   7.76   1.6652   1193.8   7.67   1193.8   7.49   1.6652   1193.8   7.67   1193.8   7.49   1.6652   1193.8   7.67   1.6737   1199.0   7.61   1.6716   1193.8   7.67   1.6737   1199.0   7.61   1.6716   1193.8   7.67   1.6737   1199.0   7.61   1.6716   1193.8   7.67   1.6737   1199.0   7.61   1.6716   1193.8   7.67   1.6737   1199.0   7.61   1.6716   1193.8   7.67   1.6737   1193.8   7.71   1.6763   1193.8   7.67   1.6737   1193.8   7.67   1.6726   1.6865   1.6926   1.6865   1.6926   1.6861   1.6926   1.6861   1.6926   1.6861   1.6928   1	Sat.	7.54	1.6503	1178.1	7.42	1.6489	1178.5	7.30	1.6475	1178.8	7.18	1.6462	1179.1
310   7.79   1.6646   1189.0   7.65   1.6624   1188.8   7.51   1.6603   1188.5   7.38   1.6528   1183.3   320   330   8.02   1.6793   1199.4   7.78   1.6692   1194.0   7.63   1.6671   1193.8   7.49   1.6652   1183.3   7.85   1.6802   1204.1   7.72   1.6781   1193.8   7.81   1193.8   7.81   1.6737   1199.0   7.61   1.6716   1193.8   7.81   1.6737   1199.0   7.61   1.6716   1193.8   7.81   1.6737   1199.0   7.61   1.6716   1193.8   7.81   1.6737   1199.0   7.61   1.6716   1193.8   7.81   1.6737   1199.0   7.61   1.6716   1193.8   7.81   1.6737   1199.0   7.61   1.6716   1193.8   7.91   1.6737   1.6792   1.6716   1.6865   1.6928   1.6948   1.674.3   1.6745   1.6737   1.6792   1.6	300	7.67	1.6578	1183.8	7.53	1.6556	1183.5	7.40	1.6534	.1183.2	7.27	1.6513	1183.0
330   8.02   1.6779   1199.4   7.88   1.6958   1199.2   7.74   1.6737   1199.0   7.67   1.6716   1798.   1293.   129	310	7.79	1.6646	1189.0	7.65	1.6624	1188.8	7.51		1188.5	7.38	1.6582	1188.3
350   8.74   1.6844   1.204.5   7.99   1.6823   1.204.3   7.85   1.6802   1.204.1   7.72   1.6781   1.203.3   1.306   8.75   1.6990   1.214.4   8.22   1.6991   1.214.5   8.08   1.6988   1.214.3   7.04   1.6990   1.214.3   1.203.3   1.6848   1.7031   1.219.7   8.33   1.7010   1.219.6   8.19   1.6990   1.219.4   8.05   1.6993   1.214.3   1.203.3   1.203.3   1.203.3   1.203.3   1.203.3   1.204.1   1.209.5   8.48   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.224.6   8.30   1.7050   1.204.6   8.30   1.7050   1.70	320	7.90	1.6713	1194.2			1194.0	7.63	1.6671	1193.8	7.49	1.6650	1193.5
350   8.25   1.6907   1209.6   8.10   1.6886   1209.4   7.36   1.6865   1209.2   7.83   1.6845   1209.3   1.6948   1214.5   8.68   1.6948   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   7.04   1.6908   1214.3   1.6918   1.6908   1.6	330										7.61		1198.7
160   8.37   1.6970   1214.7   8.22   1.6949   1214.5   8.68   1.6928   1214.3   7.04   1.6968   1214.3   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7910   1224.8   8.59   1.7920   1224.4   8.16   1.7030   1224.4   8.16   1.7030   1224.4   8.16   1.7030   1224.4   8.16   1.7030   1224.4   8.18   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7030   1.7						-				1204.1			1203.9
380   8.59   1.7991   1.7248   8.44   1.7070   1.7246   8.71   1.7950   1.7950   1.7244   8.76   1.7950   1.7243   1.7950   1.7244   8.76   1.7950   1.7244   8.76   1.7950   1.7244   8.76   1.7950   1.7244   8.76   1.7950   1.7244   8.76   1.7950   1.7950   1.7244   8.76   1.7950										_			1209.0
380   8.59   1.7961   1224.8   8.44   1.7970   1224.6   8.36   1.7950   1224.4   8.71   1.7151   1229.5   8.76   1.7930   1224.6   8.71   1.7151   1229.5   8.76   1.7930   1224.6   8.71   1.7151   1229.5   8.76   1.7930   1224.6   8.71   1.7151   1229.5   8.76   1.7930   1224.6   8.71   1.7151   1229.5   8.76   1.7930   1224.6   8.71   1.7151   1229.5   8.78   1.7930   1224.6   8.71   1.7151   1229.5   8.78   1.7930   1.7151   1.7151   1.7251   1.							. 0						1214.1
190   8.71   1.7151   129.8   8.56   1.7130   1229.6   8.41   1.7110   1229.5   8.26   1.7090   1229.6													
100   8.82   1.7200   1234.8   8.67   1.7188   1234.6   8.52   1.7168   1234.5   8.37   1.7148   1234.6   1239.8   8.98   1.7266   1239.8   8.78   1.7246   1239.6   8.62   1.7226   1239.5   8.48   1.7266   1239.8   8.78   1.7246   1239.6   8.62   1.7226   1239.5   8.48   1.7263   1234.4   1239.5   1.7391   1249.6   8.99   1.7359   1249.5   8.48   1.7283   1244.4   8.69   1.734   1249.6   8.99   1.7359   1249.5   8.48   1.7339   1249.4   8.69   1.7319   1249.4   123													
10													1229.3
490   9.04   1.7323   1244.7   8.88   1.7303   1244.6   8.73   1.7283   1244.4   8.58   1.7361   1244.6   430   9.17   1.7414   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1234.4   8.69   1.7319   1249.5   8.86   1.7374   1234.4   8.69   1.7319   1249.5   8.86   1.7374   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1254.5   8.95   1.7394   1254.3   8.80   1.7317   1259.5   1.7552   1264.2   9.01   1.7483   1264.4   9.32   1.7522   1264.3   9.16   1.7502   1264.2   9.01   1.7483   1264.4   9.32   1.7552   1264.3   9.16   1.7502   1264.2   9.01   1.7483   1264.4   9.37   1.7568   1274.1   9.37   1.7568   1274.0   9.21   1.7536   1269.4   9.11   1.7536   1269.4   9.11   1.7536   1269.4   9.11   1.7536   1269.4   9.11   1.7536   1269.4   9.11   1.7536   1269.4   9.11   1.7536   1269.4   9.11   1.7588   1273.4   9.37   1.7568   1274.0   9.21   1.7588   1273.4   9.37   1.7568   1274.0   9.21   1.7588   1273.4   9.37   1.7568   1274.0   9.21   1.7588   1273.4   9.37   1.7568   1274.0   9.21   1.7588   1273.4   9.37   1.7568   1274.0   9.21   1.7588   1273.4   9.37   1.7568   1274.0   9.21   1.7588   1273.4   9.37   1.7569   1274.0   9.21   1.7588   1273.4   9.37   1.7569   1274.0   9.21   1.7588   1273.4   9.37   1.7569   1274.0   9.21   1.7588   1273.4   9.37   1.7569   1274.0   9.21   1.7568   1274.0   9.21   1.7568   1274.0   9.21   1.7569		_											1234.3
440   9.27   1.7437   1249.6   8.99   1.7359   1249.5   8.84   1.7339   1249.4   8.69   1.7317   1249.4   440   9.27   1.7434   1254.6   9.10   1.7414   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1254.5   460   9.49   1.7542   1264.4   9.32   1.7522   1264.3   9.16   1.7592   1264.2   9.01   1.7483   1264.4   9.60   1.7595   1269.3   9.43   1.7575   1269.2   9.27   1.7555   1269.1   9.11   1.7536   1269.4   9.81   1.7700   1279.1   9.64   1.7680   1279.0   9.48   1.7600   1278.9   9.32   1.7640   1278.4   1278.								_					1239.3
440   9.27   1.7434   1254.6   9.10   1.7414   1254.5   8.95   1.7394   1254.3   8.80   1.7374   1254.6   460   9.49   1.7542   1264.4   9.32   1.7522   1264.3   9.16   1.7502   1264.2   9.01   1.7429   1259.4   470   9.60   1.7545   1269.3   9.43   1.7522   1264.3   9.16   1.7502   1264.2   9.01   1.7429   1259.4   480   9.71   1.7648   1274.2   9.54   1.7680   1279.0   9.48   1.7602   1279.1   1.7552   1264.3   9.16   1.7602   1274.0   9.21   1.7588   1273.4   9.87   1.77608   1279.1   9.54   1.7680   1279.0   9.48   1.7660   1278.9   9.32   1.7581   1283.5   9.42   1.7581   1273.5   1.7581   1283.5   9.42   1.7620   1278.5   1.7581   1283.8   9.42   1.7692   1283.5   10.46   1.7998   1308.3   10.11   1.7959   1308.2   9.94   1.7940   1308.5   1.8151   1.844   1332.7   1.659   1381.7   11.80   1.8576   1381.7   11.80   1.8576   1381.7   11.66   1.8637   1381.6   11.47   1.8618   1381.5   1.207   1.8675   1381.7   11.80   1.8056   1381.7   11.66   1.8637   1381.6   11.47   1.8618   1381.5   1.7571   1.6561   188.0   7.13   1.6541   1187.8   7.02   1.6589   199.8   1.6561   1188.0   7.13   1.6541   1187.8   7.02   1.6589   1192.8   7.11   1.6636   1193.3   7.44   1.6509   1193.1   7.12   1.6586   1193.1   7.11   1.6536   1193.3   7.44   1.6094   1193.1   7.12   1.6586   1193.1   7.11   1.6636   1193.3   7.44   1.6094   1193.1   7.12   1.6586   1193.1   7.11   1.6636   1193.3   7.44   1.6094   1193.1   7.12   1.6586   1193.1   7.11   1.6636   1193.3   7.44   1.6094   1180.8   7.35   1.6676   1193.3   7.24   1.6094   1180.8   7.35   1.6792   1203.3   7.0094   1.1094   1													
450   9.38   1.7488   1259.5   9.21   1.7468   1259.4   9.05   1.7448   1259.3   8.90   1.7429   1239.4   470   9.60   1.7595   1269.3   9.43   1.7575   1269.2   9.27   1.7555   1269.1   9.11   1.7535   1269.4   480   9.71   1.7648   1274.2   9.4   1.7628   1274.2   9.37   1.7668   1274.0   9.81   1.7700   1279.1   9.64   1.7680   1279.0   9.48   1.7660   1278.9   9.32   1.7583   1274.1   9.37   1.7668   1274.0   9.37   1.7668   1274.0   9.32   1.7588   1273.4   9.37   1.7660   1278.9   9.32   1.7640   1278.   4.768   1.7998   1308.4   10.28   1.7918   1308.3   10.11   1.7959   1308.2   9.94   1.7692   1283.   650   11.54   1.8459   1357.2   11.34   1.8440   1357.1   11.15   1.8421   1357.1   10.96   1.8402   1357.   1.6451   1.8421   1357.1   1.096   1.8402   1357.   1.6451   1.8421   1357.1   1.096   1.8023   1.8024													
460   9.49   1.7542   126.4.4   9.32   1.7522   126.4.3   9.16   1.7502   126.2.3   9.01   1.7483   126.4.4   17.99   126.3   9.43   1.7528   1274.9   9.24   1.7528   1274.1   9.37   1.7528   1274.0   9.81   1.7700   1279.1   9.64   1.7680   1279.0   9.48   1.7600   1278.0   9.81   1.7700   1279.1   9.64   1.7680   1279.0   9.48   1.7660   1278.9   9.32   1.7640   1278.0   9.92   1.7751   1284.0   9.75   1.7731   1283.9   9.58   1.7711   1283.8   9.42   1.7692   1283.5   11.50   11.53   1283.0   9.58   1.7711   1283.8   9.42   1.7692   1283.0   11.54   1.8459   1335.2   11.34   1.8440   1357.1   11.15   1.8421   1332.7   10.96   1.8050   1381.7   11.56   1.8637   1381.5   11.47   1.860   1382.0   12.07   1.8075   1381.7   11.86   1.8656   1381.7   11.66   1.8637   1381.6   11.47   1.860   1382.0   130.0   1.80.3   1381.0   11.47   1.860   1382.0   13.0   1.6448   1179.4   6.97   1.6435   1179.7   6.86   1.6422   1180.0   6.76   1.6491   1182.5   1.6492   1182.7   7.02   1.6451   1182.5   6.91   1.6451   1182.5   6.90   1.6561   1183.0   7.26   1.6561   1188.0   7.13   1.6564   1193.1   7.12   1.6589   1193.3   7.24   1.6609   1193.3   7.24   1.6609   1193.1   7.12   1.6589   1193.3   7.24   1.6609   1193.1   7.12   1.6589   1194.8   7.01   1.6569   1193.3   7.28   1.6600   1193.1   7.12   1.6589   1194.8   7.01   1.6569   1193.3   7.28   1.6600   1193.1   7.12   1.6589   1194.8   7.01   1.6569   1193.3   7.29   1.6701   1203.7   7.46   1.6741   1203.5   7.34   1.6721   1203.3   7.22   1.6702   1203.3   7.22   1.6702   1203.3   7.22   1.6702   1203.3   7.29   1.6701   1203.7   7.46   1.6741   1203.5   7.34   1.6721   1203.3   7.22   1.6702   1203.3   7.29   1.6701   1203.7   7.46   1.6741   1203.5   7.34   1.6721   1203.3   7.22   1.6702   1203.3   7.29   1.6700   1204.1   7.89   1.6990   1223.9   7.66   1.6785   1.288   7.73   1.6569   1218.7   7.55   1.6676   1.983   7.73   1.6526   1.981   7.755   1.233.8   7.01   1.6936   1.218.0   1.223.8   7.01   1.6936   1.223.3   7.00   1.229.1   7.99   1.7050   1229.0	100									1234.3		1./3/4	1254.2
480   9.60   1.7595   1269.3   9.43   1.7575   1269.2   9.27   1.7555   1269.1   9.11   1.7733   1269.4   9.91   1.7768   1274.2   9.54   1.7628   1274.1   9.37   1.7668   1274.0   9.21   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7733   1269.1   9.11   1.7740   9.21   1.7731   1283.8   9.22   1.7604   1278.   9.32   1.7604													1259.1
480   9.71   1.7648   1274.2   9.54   1.7628   1274.1   9.37   1.7668   1274.0   9.21   1.7588   1273.0     490   9.81   1.7700   1279.1   9.64   1.7680   1279.0   9.48   1.7660   1278.9   9.32   1.7640   1278.9     500   9.92   1.7751   1284.0   9.75   1.7731   1283.9   9.58   1.7711   1283.8   9.42   1.7692   1285.5     500   1.046   1.7998   1308.4   10.28   1.7978   1308.3   10.11   1.7955   1308.2   9.94   1.7940   1308.6     600   11.00   1.8234   1332.7   10.81   1.8214   1332.7   10.63   1.8195   1332.6   10.45   1.8176   1332.6     650   11.54   1.8459   1357.2   11.34   1.8440   1357.1   11.66   1.8637   1381.6   11.47   1.8618   1381.7     700   12.07   1.8675   1381.7   11.86   1.8656   1381.7   11.66   1.8637   1381.6   11.47   1.8618   1381.     61											_		1264.1
\$\begin{array}{c c c c c c c c c c c c c c c c c c c		-											1269.0
The color   Sat.   The color											-		1273.9
Total		9.81	1.7700	1279.1	9.04	1.7080		9.48	1.7000	1278.9	9.32	1.7640	1278.8
Column   C											9.42		1283.7
Column   C							0 0						1308.1
Table   Tabl								. 0					1332.5
Column   C											-		1357.0
Sat.         7.07         1.6448         1179.4         6.97         1.6435         1179.7         6.86         1.6422         1180.0         6.76         1.6409         1180.           300         7.15         1.6492         1182.7         7.02         1.6471         1182.5         6.91         1.6451         1182.2         6.80         1.6431         1181.2           310         7.26         1.6561         1188.0         7.13         1.6541         1187.8         7.02         1.6521         1187.5         6.90         1.6501         1187.3           320         7.37         1.6629         1193.3         7.24         1.6609         1193.1         7.12         1.6589         1192.8         7.01         1.6569         1193.3           340         7.59         1.6761         1203.7         7.46         1.6674         1203.5         7.34         1.6721         1203.3         7.22         1.6566         1198.3         7.23         1.6656         1198.1         7.11         1.6536         1197.           350         7.69         1.6761         1203.7         7.46         1.6805         1208.6         7.45         1.6785         1208.4         7.32         1.6766         1203.3<	700	12.07	1.8075	1381.7	11.80	.1.8050	1381.7	11.00	1.8037	1381.6	11.47	1.8618	1381.6
300 7.15 1.6492 1182.7 7.02 1.6471 1182.5 6.91 1.6451 1182.2 6.80 1.6431 1181. 310 7.26 1.6561 1188.0 7.13 1.6541 1187.8 7.02 1.6521 1187.5 6.90 1.6501 1187. 320 7.37 1.6629 1193.3 7.24 1.6609 1193.1 7.12 1.6589 1192.8 7.01 1.6569 1192. 330 7.48 1.6696 1198.5 7.35 1.6676 1198.3 7.23 1.6656 1198.1 7.11 1.6636 1197. 340 7.59 1.6761 1203.7 7.46 1.6741 1203.5 7.34 1.6721 1203.3 7.22 1.6702 1203. 350 7.70 1.6825 1208.8 7.57 1.6805 1208.6 7.45 1.6785 1208.4 7.32 1.6766 1203. 370 7.91 1.6950 1219.0 7.78 1.6930 1218.8 7.65 1.6910 1218.7 7.53 1.6891 1213. 380 8.02 1.7010 1224.1 7.89 1.6990 1223.9 7.76 1.6971 1223.8 7.53 1.6912 1223.9 390 8.12 1.7070 1229.1 7.99 1.7050 1229.0 7.86 1.7031 1228.8 7.73 1.7012 1228. 400 8.23 1.7128 1234.2 8.09 1.7109 1234.0 7.96 1.7090 1233.9 7.94 1.7129 1238. 420 8.44 1.7243 1244.2 8.30 1.7224 1244.0 8.75 1.728 1249.0 8.54 1.7299 1249.1 8.40 1.7280 1249.0 8.27 1.7261 1248.8 8.14 1.7243 1224.1 8.40 1.7280 1249.0 8.27 1.7261 1248.8 8.14 1.7243 1244.2 8.40 1.7280 1249.0 8.27 1.7261 1248.8 8.14 1.7243 1249.0 8.65 1.7355 1254.1 8.51 1.7350 1253.9 8.37 1.7317 1253.8 8.24 1.7298 1253. 460 8.86 1.7463 1264.0 8.71 1.7464 1263.8 8.57 1.7470 1263. 8.96 1.7569 1273.8 8.91 1.7550 1273.7 8.77 1.7525 1273.6 8.63 1.7566 1278. 490 9.16 1.7621 1278.7 9.01 1.7602 1278.6 8.87 1.7584 1278.5 8.73 1.7566 1278. 490 9.16 1.7621 1278.7 9.01 1.7602 1278.6 8.87 1.7584 1278.5 8.73 1.7566 1278. 550 9.77 1.7921 1308.1 9.61 1.9021 1308.0 9.46 1.7884 1307.9 9.31 1.7866 1307. 650 10.28 1.8157 1332.5 10.11 1.8139 1332.4 9.99 1.8131 1332.4 9.99 1.8103 1332. 650 10.78 1.8383 1357.0 10.60 1.8365 1356.9 10.43 1.8347 1356.9 10.27 1.8329 1356.													
310													
310	Sat.	7.07	[293.8]	1179.4	6.97	[294.9]	1179.7	6.86	[295.9]	1180.0	6.76	[296.9]	1180.3
320         7.37         1.6629         1193.3         7.24         1.6669         1193.1         7.12         1.6589         1192.8         7.01         1.6569         1192.3         7.48         1.6696         1198.5         7.35         1.6676         1198.3         7.23         1.6656         1198.1         7.11         1.6636         1197.           340         7.59         1.6761         1203.7         7.46         1.6741         1203.5         7.34         1.6721         1203.3         7.22         1.6702         1203.           350         7.70         1.6825         1208.8         7.57         1.6868         1213.7         7.55         1.6848         1213.6         7.43         1.6829         1213.           370         7.91         1.6950         1219.0         7.78         1.6868         1213.7         7.55         1.6848         1213.6         7.43         1.6829         1213.           380         8.02         1.7010         1224.1         7.89         1.6990         1223.9         7.76         1.6910         1218.7         7.53         1.6891         1213.           380         8.12         1.7070         1229.1         7.99         1.7050         1223.9			1.6448			[294.9] 1.6435			[295.9] 1.6422			[296.9]	
330         7.48         1.6696         1198.5         7.35         1.6676         1198.3         7.23         1.6656         1198.1         7.11         1.6636         1197.           340         7.59         1.6761         1203.7         7.46         1.6741         1203.5         7.34         1.6721         1203.3         7.22         1.6702         1203.3           360         7.70         1.6825         1208.8         7.57         1.6868         1213.7         7.55         1.6848         1213.6         7.43         1.6785         1208.4         7.32         1.6766         1208.           370         7.91         1.6950         1219.0         7.78         1.6930         1218.8         7.65         1.6910         1218.7         7.53         1.6891         1218.           380         8.02         1.7010         1224.1         7.89         1.6990         1223.9         7.76         1.6911         1223.8         7.63         1.6952         1223.           390         8.12         1.7070         1229.1         7.99         1.7050         1223.9         7.76         1.6971         1223.8         7.63         1.6952         1223.           400         8.23	300	7.15	[293.8] 1.6448 1.6492	1182.7	7.02	[294.9] 1.6435 1.6471	1182.5	6.91	[295.9] 1.6422 1.6451	1182.2	6.80	[296.9] 1.6409 1.6431	1181.9
340         7.59         1.6761         1203.7         7.46         1.6741         1203.5         7.34         1.6721         1223.3         7.22         1.6702         1203.           350         7.70         1.6825         1208.8         7.57         1.6865         1208.6         7.45         1.6785         1208.4         7.32         1.6766         1208.3           360         7.80         1.6888         1213.9         7.67         1.6868         1213.7         7.55         1.6848         1213.6         7.43         1.6829         1213.3           370         7.91         1.6950         1219.0         7.78         1.6930         1218.8         7.65         1.6910         1218.7         7.53         1.6891         1213.3           380         8.02         1.7010         1224.1         7.89         1.6990         1223.9         7.76         1.6971         1223.8         7.63         1.6952         1223.3           390         8.12         1.7070         1229.1         7.99         1.7050         1223.9         7.86         1.7031         1223.8         7.63         1.6952         1223.8           400         8.23         1.7128         1234.2         8.09	300 310	7.15 7.26	[293.8] 1.6448 1.6492 1.6561	1182.7	7.02 7.13	[294.9] 1.6435 1.6471 1.6541	1182.5	6.91	[295.9] 1.6422 1.6451 1.6521	1182.2 1187.5	6.80	[296.9] 1.6409 1.6431 1.6501	1181.9
350         7.70         1.6825         1208.8         7.57         1.6805         1208.6         7.45         1.6785         1208.4         7.32         1.6766         1208.3           360         7.80         1.6888         1213.9         7.67         1.6868         1213.7         7.55         1.6848         1213.6         7.43         1.6829         1213.3           370         7.91         1.6950         1219.0         7.78         1.6990         1218.8         7.65         1.6910         1218.7         7.53         1.6891         1213.3           380         8.02         1.7010         1224.1         7.89         1.6990         1223.9         7.76         1.6971         1223.8         7.63         1.6952         1223.3           390         8.12         1.7070         1229.1         7.99         1.7050         1229.0         7.86         1.7031         1228.8         7.63         1.6952         1223.8           400         8.23         1.7128         1234.2         8.09         1.7109         1234.0         7.96         1.7031         1228.8         7.73         1.7011         1233.4           410         8.34         1.7186         1239.2         8.20	300 310 320	7.15 7.26 7.37	[293.8] 1.6448 1.6492 1.6561 1.6629	1182.7 1188.0 1193.3	7.02 7.13 7.24	[294.9] 1.6435 1.6471 1.6541 1.6609	1182.5 1187.8 1193.1	6.91 7.02 7.12	[295.9] 1.6422 1.6451 1.6521 1.6589	1182.2 1187.5 1192.8	6.80 6.90 7.01	[296.9] 1.6409 1.6431 1.6501 1.6569	1181.9 1187.3 1192.6
360       7.80       1.6888       1213.9       7.67       1.6868       1213.7       7.55       1.6848       1213.6       7.43       1.6829       1213.7       7.91       1.6950       1219.0       7.78       1.6930       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       7.65       1.6910       1218.7       7.53       1.6891       1218.8       1.6891       1218.8       1.6891       1218.8       1.6891       1218.8       1.6891       1218.8       1.6891       1218.8       1.6891       1218.8       1213.7       7.65       1.6910       1218.8       1.6891       1218.8       1213.7       7.65       1.6910       1218.8       1.6891       1218.8       1218.8       1.281       1.7881 <td< td=""><td>300 310 320 330</td><td>7.15 7.26 7.37 7.48</td><td>[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696</td><td>1182.7 1188.0 1193.3 1198.5</td><td>7.02 7.13 7.24 7.35</td><td>[294.9] 1.6435 1.6471 1.6541 1.6609 1.6676</td><td>1182.5 1187.8 1193.1 1198.3</td><td>6.91 7.02 7.12 7.23</td><td>[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656</td><td>1182.2 1187.5 1192.8 1198.1</td><td>6.80 6.90 7.01 7.11</td><td>[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636</td><td>1181.9 1187.3 1192.6 1197.9</td></td<>	300 310 320 330	7.15 7.26 7.37 7.48	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696	1182.7 1188.0 1193.3 1198.5	7.02 7.13 7.24 7.35	[294.9] 1.6435 1.6471 1.6541 1.6609 1.6676	1182.5 1187.8 1193.1 1198.3	6.91 7.02 7.12 7.23	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656	1182.2 1187.5 1192.8 1198.1	6.80 6.90 7.01 7.11	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636	1181.9 1187.3 1192.6 1197.9
370         7.91         1.6950         1219.0         7.78         1.6930         1218.8         7.65         1.6910         1218.7         7.53         1.6891         1218.8           380         8.02         1.7010         1224.1         7.89         1.6990         1223.9         7.76         1.6971         1223.8         7.63         1.6952         1223.3           390         8.12         1.7070         1229.1         7.99         1.7050         1229.0         7.86         1.7031         1228.8         7.63         1.6952         1223.3           400         8.23         1.7128         1234.2         8.09         1.7109         1234.0         7.96         1.7090         1233.9         7.84         1.7011         1233.4           420         8.44         1.7243         1244.2         8.30         1.7224         1244.0         8.17         1.7265         1233.9         8.04         1.7187         1243.4           430         8.54         1.7243         1244.2         8.30         1.7224         1244.0         8.17         1.7261         1248.8         8.14         1.7129         1238.4           440         8.65         1.7355         1254.1         8.51	300 310 320 330 340	7.15 7.26 7.37 7.48 7.59	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696 1.6761	1182.7 1188.0 1193.3 1198.5 1203.7	7.02 7.13 7.24 7.35 7.46	[294.9] 1.6435 1.6471 1.6541 1.6609 1.6676 1.6741	1182.5 1187.8 1193.1 1198.3 1203.5	6.91 7.02 7.12 7.23 7.34	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721	1182.2 1187.5 1192.8 1198.1 1203.3	6.80 6.90 7.01 7.11	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636 1.6702	1181.9 1187.3 1192.6 1197.9 1203.1
380         8.02         1.7010         1224.1         7.89         1.6990         1223.9         7.76         1.6971         1223.8         7.63         1.6952         1223.3         390         8.12         1.7070         1229.1         7.99         1.7050         1223.9         7.76         1.6971         1223.8         7.63         1.6952         1223.1         1.7012         1233.2         1.7012         1234.2         1.7012         1233.2         1.7012         1233.2         1.7012         1233.	300 310 320 330 340 350	7.15 7.26 7.37 7.48 7.59	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696 1.6761 1.6825	1182.7 1188.0 1193.3 1198.5 1203.7	7.02 7.13 7.24 7.35 7.46	[294.9] 1.6435 1.6471 1.6541 1.6609 1.6676 1.6741 1.6805	1182.5 1187.8 1193.1 1198.3 1203.5	6.91 7.02 7.12 7.23 7.34	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721 1.6785	1182.2 1187.5 1192.8 1198.1 1203.3	6.80 6.90 7.01 7.11 7.22	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636 1.6702	1181.9 1187.3 1192.6 1197.9 1203.1
400         8.12         1.7070         1229.1         7.99         1.7050         1229.0         7.86         1.7031         1228.8         7.73         1.7012         1228.           400         8.23         1.7128         1234.2         8.09         1.7109         1234.0         7.96         1.7090         1233.9         7.84         1.7071         1233.4           410         8.34         1.7186         1239.2         8.20         1.7167         1239.0         8.06         1.7148         1238.9         7.94         1.7129         1233.4           420         8.44         1.7243         1244.2         8.30         1.7224         1244.0         8.17         1.7205         1243.9         8.04         1.7187         1243.4           430         8.54         1.7299         1249.1         8.40         1.7280         1249.0         8.27         1.7261         1248.8         8.14         1.7243         1248.4           440         8.65         1.7355         1254.1         8.51         1.7390         1258.9         8.47         1.7371         1253.8         8.24         1.7298         1253.4           450         8.75         1.7463         1264.0         8.71	300 310 320 330 340 350 360	7.15 7.26 7.37 7.48 7.59 7.70 7.80	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696 1.6761 1.6825 1.6888	1182.7 1188.0 1193.3 1198.5 1203.7	7.02 7.13 7.24 7.35 7.46 7.57 7.67	[294.9] 1.6435 1.6471 1.6541 1.6609 1.6741 1.6805 1.6868	1182.5 1187.8 1193.1 1198.3 1203.5	6.91 7.02 7.12 7.23 7.34 7.45 7.55	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848	1182.2 1187.5 1192.8 1198.1 1203.3	6.80 6.90 7.01 7.11 7.22 7.32 7.43	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6702 1.6766 1.6766	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4
400       8.23       1.7128       1234.2       8.09       1.7109       1234.0       7.96       1.7090       1233.9       7.84       1.7071       1233.8         410       8.34       1.7186       1239.2       8.20       1.7167       1239.0       8.06       1.7148       1238.9       7.94       1.7129       1238.8         420       8.44       1.7243       1244.2       8.30       1.7224       1244.0       8.17       1.7255       1243.9       8.04       1.7187       1243.8         430       8.54       1.7299       1249.1       8.40       1.7280       1249.0       8.27       1.7261       1248.8       8.14       1.7243       1243.9         440       8.65       1.7355       1254.1       8.51       1.736       1253.9       8.37       1.7317       1253.8       8.24       1.7298       1253.         450       8.75       1.7409       1259.0       8.61       1.7390       1258.9       8.47       1.7372       1258.8       8.34       1.7353       1258.         460       8.86       1.7463       1264.0       8.71       1.7444       1263.8       8.67       1.7426       1263.7       8.44       1.7407       1	300 310 320 330 340 350 360 370	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696 1.6761 1.6825 1.6888 1.6950	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0	7.02 7.13 7.24 7.35 7.46 7.57 7.67	1.6435 1.6471 1.6541 1.6609 1.6676 1.6741 1.6805 1.6868 1.6930	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636 1.6702 1.6766 1.6829 1.6891	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5
410 8.34 1.7186 1239.2 8.20 1.7167 1239.0 8.06 1.7148 1338.9 7.94 1.7129 1238. 420 8.44 1.7243 1244.2 8.30 1.7224 1244.0 8.17 1.7205 1243.9 8.04 1.7187 1243. 430 8.54 1.7299 1249.1 8.40 1.7280 1249.0 8.27 1.7261 1248.8 8.14 1.7243 1248. 440 8.65 1.7355 1254.1 8.51 1.7336 1253.9 8.37 1.7317 1253.8 8.24 1.7298 1253.  450 8.75 1.7409 1259.0 8.61 1.7390 1258.9 8.47 1.7372 1258.8 8.34 1.7353 1258. 460 8.86 1.7463 1264.0 8.71 1.7444 1263.8 8.57 1.7426 1263.7 8.44 1.7407 1263. 470 8.96 1.7566 1268.9 8.81 1.7497 1268.8 8.67 1.7479 1268.7 8.53 1.7461 1268. 480 9.06 1.7569 1273.8 8.91 1.7550 1273.7 8.77 1.7532 1273.6 8.63 1.7514 1268. 490 9.16 1.7621 1278.7 9.01 1.7602 1278.6 8.87 1.7584 1278.5 8.73 1.7566 1278.  500 9.27 1.7672 1283.6 9.11 1.7654 1283.5 8.97 1.7635 1283.4 8.83 1.7617 1283. 550 9.77 1.7921 1308.1 9.61 1.7902 1308.0 9.46 1.7884 1307.9 9.31 1.7866 1307. 600 10.28 1.8157 1332.5 10.11 1.8139 1332.4 9.95 1.8121 1332.4 9.79 1.8103 1332. 650 10.78 1.8383 1357.0 10.60 1.8365 1356.9 10.43 1.8347 1356.9 10.27 1.8329 1356.	300 310 320 330 340 350 360 370 380	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696 1.6761 1.6825 1.6888 1.6950 1.7010	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89	[294-9] 1.6435 1.6471 1.6541 1.6609 1.6676 1.6741 1.6805 1.6868 1.6930 1.6990	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.6971	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53 7.63	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636 1.6702 1.6766 1.6829 1.6829 1.6891 1.6952	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6
420         8.44         1.7243         1244.2         8.30         1.7224         1244.0         8.17         1.7205         1243.9         8.04         1.7187         1243.3         4.0         1.7187         1243.0         8.04         1.7187         1243.3         8.04         1.7187         1243.3         1.7243         1243.3         1.7243         1243.3         1.7243         1248.8         8.14         1.7243         1248.8         8.14         1.7243         1248.8         8.14         1.7243         1248.8         8.24         1.7243         1248.8         8.27         1.7317         1253.8         8.24         1.7243         1248.8         1.7357         1253.8         8.24         1.7298         1253.3           450         8.75         1.7409         1259.0         8.61         1.7390         1258.9         8.47         1.7372         1258.8         8.34         1.7353         1258.4           460         8.86         1.7463         1264.0         8.71         1.7444         1263.8         8.57         1.7426         1263.7         8.44         1.7407         1263.4           480         9.06         1.7569         1273.8         8.91         1.7550         1273.7         8.77	300 310 320 330 340 350 360 370 380 390	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696 1.6761 1.6825 1.6888 1.6950 1.7070	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99	[294.9] 1.6435 1.6471 1.6541 1.6609 1.6676 1.6741 1.6805 1.6868 1.6930 1.7050	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.7031	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53 7.63 7.73	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636 1.6702 1.6766 1.6829 1.6891 1.6952 1.7012	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6
430 8.54 1.7299 1249.1 8.40 1.7280 1249.0 8.27 1.7261 1248.8 8.14 1.7243 1248. 440 8.65 1.7355 1254.1 8.51 1.7336 1253.9 8.37 1.7317 1253.8 8.24 1.7298 1253.  450 8.75 1.7409 1259.0 8.61 1.7390 1258.9 8.47 1.7372 1258.8 8.34 1.7353 1258. 460 8.86 1.7463 1264.0 8.71 1.7444 1263.8 8.57 1.7426 1263.7 8.44 1.7407 1263. 470 8.96 1.7516 1268.9 8.81 1.7497 1268.8 8.67 1.7479 1268.7 8.53 1.7461 1268. 480 9.06 1.7569 1273.8 8.91 1.7550 1273.7 8.77 1.7532 1273.6 8.63 1.7514 1273. 490 9.16 1.7621 1278.7 9.01 1.7602 1278.6 8.87 1.7584 1278.5 8.73 1.7566 1278.  500 9.27 1.7672 1283.6 9.11 1.7654 1283.5 8.97 1.7635 1283.4 8.83 1.7617 1283. 550 9.77 1.7921 1308.1 9.61 1.7902 1308.0 9.46 1.7884 1307.9 9.31 1.7866 1307. 600 10.28 1.8157 1332.5 10.11 1.8139 1332.4 9.95 1.8121 1332.4 9.79 1.8103 1335.6 650 10.78 1.8383 1357.0 10.60 1.8365 1356.9 10.43 1.8347 1356.9 10.27 1.8329 1356.	300 310 320 330 340 350 360 370 380 390	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12	[293.8] 1.6448 1.6492 1.6561 1.6629 1.6696 1.6761 1.6825 1.6888 1.6950 1.7010 1.7128	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99	[294.9] 1.6435 1.6471 1.6541 1.6609 1.6676 1.6741 1.6805 1.6868 1.6930 1.7050 1.7109	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.7031 1.7090	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8	6.80 6.90 7.01 7.11 7.22 7.32 7.53 7.63 7.73	[296.9] 1.6409 1.6431 1.6501 1.6569 1.6636 1.6702 1.6766 1.6829 1.6891 1.6952 1.7012	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6
440       8.65       1.7355       1254.1       8.51       1.7336       1253.9       8.37       1.7317       1253.8       8.24       1.7298       1253.9         450       8.75       1.7409       1259.0       8.61       1.7390       1258.9       8.47       1.7372       1258.8       8.34       1.7353       1258.4         460       8.86       1.7463       1264.0       8.71       1.7444       1263.8       8.57       1.7426       1263.7       8.44       1.7407       1263.4         470       8.96       1.7560       1268.9       8.81       1.7497       1268.8       8.67       1.7426       1263.7       8.44       1.7407       1263.4         480       9.06       1.7569       1273.8       8.91       1.7550       1273.7       8.77       1.7532       1273.6       8.63       1.7514       1273.4         490       9.16       1.7621       1278.7       9.01       1.7652       1278.6       8.87       1.7584       1278.5       8.73       1.7566       1278.         500       9.27       1.7672       1283.6       9.11       1.7654       1283.5       8.97       1.7635       1283.4       8.83       1.7617 <th< td=""><td>300 310 320 330 340 350 360 370 380 390 400 410</td><td>7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.23 8.34</td><td>[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761 1.6885 1.6985 1.7010 1.7070 1.7128 1.7186</td><td>1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1</td><td>7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20</td><td>[294.9] 1.6435 1.6471 1.6541 1.6669 1.6676 1.6805 1.6805 1.6803 1.6990 1.7050 1.7109 1.7109</td><td>1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0</td><td>6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86</td><td>[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.6971 1.7031</td><td>1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8</td><td>6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53 7.63 7.73</td><td>[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6706 1.6829 1.6891 1.6952 1.7012</td><td>1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6</td></th<>	300 310 320 330 340 350 360 370 380 390 400 410	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.23 8.34	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761 1.6885 1.6985 1.7010 1.7070 1.7128 1.7186	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20	[294.9] 1.6435 1.6471 1.6541 1.6669 1.6676 1.6805 1.6805 1.6803 1.6990 1.7050 1.7109 1.7109	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86	[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.6971 1.7031	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53 7.63 7.73	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6706 1.6829 1.6891 1.6952 1.7012	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6
450 8.75 1.7409 1259.0 8.61 1.7390 1258.9 8.47 1.7372 1258.8 8.34 1.7353 1258. 460 8.86 1.7463 1264.0 8.71 1.7444 1263.8 8.57 1.7426 1263.7 8.44 1.7407 1263. 470 8.96 1.7516 1268.9 8.81 1.7497 1268.8 8.67 1.7479 1268.7 8.53 1.7461 1268. 480 9.06 1.7569 1273.8 8.91 1.7550 1273.7 8.77 1.7532 1273.6 8.63 1.7461 1268. 490 9.16 1.7621 1278.7 9.01 1.7602 1278.6 8.87 1.7584 1278.5 8.73 1.7566 1278.  500 9.27 1.7672 1283.6 9.11 1.7654 1283.5 8.97 1.7635 1283.4 8.83 1.7617 1283. 550 9.77 1.7921 1308.1 9.61 1.7902 1308.0 9.46 1.7884 1307.9 9.31 1.7866 1307. 600 10.28 1.8157 1332.5 10.11 1.8139 1332.4 9.95 1.8121 1332.4 9.79 1.8103 1332. 650 10.78 1.8383 1357.0 10.60 1.8365 1356.9 10.43 1.8347 1356.9 10.27 1.8329 1356.	300 310 320 330 340 350 360 370 380 390 400 410 420	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.23 8.34 8.44	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.6950 1.7010 1.7070  1.7128 1.7186 1.7243	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30	[294.9] 1.6435 1.6471 1.6541 1.6669 1.6741 1.6805 1.6805 1.6930 1.7050 1.7109 1.7109 1.7109 1.7109	1182.5 1187.8 1193.1 1198.3 1203.5 1228.6 1213.7 1218.8 1223.9 1229.0	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.7031 1.7090 1.7148 1.7205	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8	6.80 6.90 7.01 7.11 7.22 7.43 7.53 7.63 7.73 7.84 7.94	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.6952 1.7012  1.7071 1.7129 1.7187	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6
460         8.86         1.7463         1264.0         8.71         1.7444         1263.8         8.57         1.7426         1263.7         8.44         1.7407         1263.4           470         8.96         1.7556         1268.9         8.81         1.7497         1268.8         8.67         1.7479         1268.7         8.53         1.7461         1263.4           480         9.06         1.7569         1273.8         8.91         1.7550         1273.7         8.77         1.7532         1273.6         8.63         1.7514         1273.4           490         9.16         1.7621         1278.7         9.01         1.7662         1278.6         8.87         1.7532         1273.6         8.63         1.7514         1273.4           500         9.27         1.7672         1283.6         9.11         1.7654         1283.5         8.97         1.7635         1283.4         8.83         1.7617         1283.5           550         9.77         1.7921         1308.1         9.61         1.7902         1308.0         9.46         1.7884         1307.9         9.31         1.7866         1307.0           600         10.28         1.8157         1332.5         10.11	300 310 320 330 340 350 360 370 380 390 400 410 420 430	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.23 8.34 8.44 8.54	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.7010 1.7070  1.7128 1.7128 1.71243 1.7299	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.68 7.89 7.99 8.09 8.20 8.30 8.40	[294.9] 1.6435 1.6471 1.6541 1.6669 1.6741 1.6805 1.6868 1.6930 1.7050 1.7109 1.7109 1.71224 1.7228	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1234.0 1244.0 1244.0	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.66 7.86 7.96 8.06 8.17 8.27	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6721 1.6785 1.6848 1.6910 1.7031 1.7090 1.7148 1.7205 1.7261	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1213.6 1223.8 1228.8	6.8o 6.9o 7.0i 7.1I 7.22 7.32 7.43 7.53 7.63 7.73 7.84 7.94 8.04 8.14	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.6952 1.7012 1.7071 1.7129 1.7187	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6
470         8.96         1.7516         1268.9         8.81         1.7497         1268.8         8.67         1.7479         1268.7         8.53         1.7461         1268.4           480         9.06         1.7569         1273.8         8.91         1.7550         1273.7         8.77         1.7532         1273.6         8.63         1.7514         1273.4           490         9.16         1.7621         1278.7         9.01         1.7602         1278.6         8.87         1.7584         1278.5         8.73         1.7566         1278.           500         9.27         1.7672         1283.6         9.11         1.7654         1283.5         8.97         1.7635         1283.4         8.83         1.7617         1283.           550         9.77         1.7921         1308.1         9.61         1.7902         1308.0         9.46         1.7884         1307.9         9.31         1.7866         1307.           600         10.28         1.8157         1332.5         10.11         1.8139         1332.4         9.95         1.8121         1332.4         9.79         1.8103         1332.           650         10.78         1.8383         1357.0         10.60	300 310 320 330 340 350 360 370 380 390 400 410 420 430 440	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.23 8.34 8.44 8.54 8.65	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.7010 1.7070  1.7128 1.7128 1.71243 1.7299	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.68 7.89 7.99 8.09 8.20 8.30 8.40	[294.9] 1.6435 1.6471 1.6541 1.6669 1.6741 1.6805 1.6868 1.6930 1.7050 1.7109 1.7109 1.71224 1.7228	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1234.0 1244.0 1244.0	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.76 7.86 7.96 8.06 8.17 8.27 8.37	[295.9] 1.6422 1.6451 1.6521 1.6589 1.6721 1.6785 1.6848 1.6910 1.7031 1.7090 1.7148 1.7205 1.7261	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1223.8 1233.9 1243.9 1243.9 1243.9	6.8o 6.9o 7.0i 7.1I 7.22 7.32 7.43 7.53 7.63 7.73 7.84 7.94 8.04 8.14	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.6952 1.7012 1.7071 1.7129 1.7187	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6
480 9.06 1.7569 1273.8 8.91 1.7550 1273.7 8.77 1.7532 1273.6 8.63 1.7514 1273. 490 9.16 1.7621 1278.7 9.01 1.7602 1278.6 8.87 1.7584 1278.5 8.73 1.7566 1278. <b>500</b> 9.27 1.7672 1283.6 9.11 1.7654 1283.5 8.97 1.7635 1283.4 8.83 1.7617 1283.5 550 9.77 1.7921 1308.1 9.61 1.7902 1308.0 9.46 1.7884 1307.9 9.31 1.7866 1307. 600 10.28 1.8157 1332.5 10.11 1.8139 1332.4 9.95 1.8121 1332.4 9.79 1.8103 1332.6 650 10.78 1.8383 1357.0 10.60 1.8365 1356.9 10.43 1.8347 1356.9 10.27 1.8329 1356.	300 310 320 330 340 350 360 370 380 390 410 420 430 440	7.15 7.26 7.37 7.48 7.59 7.70 7.80 2.8.12 8.23 8.34 8.44 8.54 8.65	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.7010 1.7070  1.7128 1.7128 1.7129 1.7355	1182.7 1188.0 1193.3 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1249.1 1254.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30 8.40 8.51	[294.9]  1.6435  1.6471 1.6541 1.6669 1.6741  1.6805 1.6808 1.6930 1.7050  1.7109 1.7109 1.71224 1.7280 1.7336	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1239.0 1244.0 1253.9	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86 7.96 8.06 8.17 8.27 8.37	[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.6971 1.7031 1.7090 1.7148 1.7205 1.7261 1.7317	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1223.8 1233.9 1243.9 1243.9 1243.8	6.80 6.90 7.01 7.11 7.22 7.43 7.53 7.63 7.73 7.84 8.94 8.14 8.24	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702 1.6766 1.6829 1.6952 1.7012 1.7071 1.7129 1.7129 1.7243 1.7298	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1223.6 1233.7 1243.7 1243.7 1243.7 1253.7
490 9.16 1.7621 1278.7 9.01 1.7602 1278.6 8.87 1.7584 1278.5 8.73 1.7566 1278. <b>500</b> 9.27 1.7672 1283.6 9.11 1.7654 1283.5 8.97 1.7635 1283.4 8.83 1.7617 1283.5 550 9.77 1.7921 1308.1 9.61 1.7902 1308.0 9.46 1.7884 1307.9 9.31 1.7866 1307.6 10.28 1.8157 1332.5 10.11 1.8139 1332.4 9.95 1.8121 1332.4 9.79 1.8103 1332.6 10.78 1.8383 1357.0 10.60 1.8365 1356.9 10.43 1.8347 1356.9 10.27 1.8329 1356.	300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460	7.15 7.26 7.37 7.48 7.59 7.70 7.80 8.02 8.12 8.23 8.34 8.54 8.65 8.75 8.86	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.7010 1.7070  1.7128 1.7128 1.7243 1.7299 1.7355	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1249.1 1254.1 1259.0 1264.0	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30 8.40 8.51	[294.9] 1.6435 1.6471 1.6541 1.6669 1.6741 1.6805 1.6868 1.6930 1.7050 1.7169 1.7167 1.7224 1.7280 1.7336 1.7336	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1234.0 1244.0 1249.0 1253.9	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86 7.96 8.06 8.17 8.27 8.37	[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721  1.6785 1.6848 1.6991 1.7031  1.7090 1.7148 1.7205 1.7261 1.7317  1.7372 1.7372 1.7426	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8 1233.9 1243.9 1243.9 1243.8 1253.8	6.80 6.90 7.011 7.111 7.22 7.32 7.53 7.63 7.73 7.84 8.04 8.14 8.24	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.6952 1.7012  1.7071 1.7129 1.7127 1.7243 1.7298  1.7353 1.7407	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1223.6 1223.6 1243.7 1248.7 1248.7 1253.7
500     9.27     1.7672     1283.6     9.11     1.7654     1283.5     8.97     1.7635     1283.4     8.83     1.7617     1283.5       550     9.77     1.7921     1308.1     9.61     1.7992     1308.0     9.46     1.7884     1307.9     9.31     1.7866     1307.       600     10.28     1.8157     1332.5     10.11     1.8139     1332.4     9.95     1.8121     1332.4     9.79     1.8103     1332.6       650     10.78     1.8383     1357.0     10.60     1.8365     1356.9     10.43     1.8347     1356.9     10.27     1.8329     1356.	300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.34 8.44 8.65 8.75 8.86 8.96	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.6888 1.7970 1.7070 1.7128 1.7128 1.71243 1.7299 1.7355	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1234.2 1249.1 1254.1 1254.1	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30 8.40 8.51 8.61 8.71 8.81	[294.9] 1.6435 1.6471 1.6541 1.6609 1.6741 1.6805 1.6868 1.6990 1.7050 1.7109 1.71224 1.7228 1.7336 1.7390 1.7444 1.7497	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1234.0 1249.0 1249.0 1253.9	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86 8.06 8.17 8.27 8.37 8.47 8.57	[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721  1.6785 1.6848 1.6971 1.7031  1.7090 1.7148 1.7205 1.7261 1.7317	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8 1233.9 1248.8 1253.8 1253.8	6.80 6.90 7.01 7.22 7.32 7.43 7.53 7.63 7.73 7.84 7.94 8.04 8.14 8.24	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.6952 1.7012 1.7129 1.7187 1.7243 1.7298	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6 1233.7 1248.7 1248.7 1248.7 1253.7
550     9.77     1.7921     1308.1     9.61     1.7902     1308.0     9.46     1.7884     1307.9     9.31     1.7866     1307.0       600     10.28     1.8157     1332.5     10.11     1.8139     1332.4     9.95     1.8121     1332.4     9.79     1.8103     1332.6       650     10.78     1.8383     1357.0     10.60     1.8365     1356.9     10.43     1.8347     1356.9     10.27     1.8329     1356.	300 310 320 330 340 350 360 370 380 390 410 420 440 440 450 460 470 480	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.34 8.44 8.65 8.75 8.86 9.06	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.7010 1.7020 1.7128 1.7186 1.7243 1.7299 1.7459 1.7459 1.7463 1.7516 1.7569	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1239.2 1244.2 1244.2 1254.1 1254.1 1254.0 1264.0 1268.9 1273.8	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30 8.40 8.51 8.61 8.71 8.81 8.91	[294.9]  1.6435  1.6471  1.6541  1.6609  1.6741  1.6805  1.6868  1.6930  1.7050  1.7109  1.7124  1.7224  1.7228  1.7336  1.7390  1.7444  1.7497  1.7550	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1239.0 1244.0 1253.9 1253.9 1253.8 1263.8 1273.7	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86 8.06 8.17 8.27 8.37 8.47 8.57	[295.9]  1.6422  1.6451 1.6589 1.6656 1.6721  1.6785 1.6971 1.7031  1.7090 1.7148 1.7205 1.7261 1.7317  1.7372 1.7426 1.7479 1.74279	1182.2 1187.5 1192.8 1198.1 1203.3  1208.4 1213.6 1218.7 1223.8 1228.8 1233.9 1243.9 1243.9 1243.9 1243.8 1253.8	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53 7.63 7.73 7.84 7.94 8.04 8.14 8.24 8.34 8.53 8.63	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.6891 1.7012 1.7012 1.7129 1.7129 1.71243 1.7298 1.7353 1.7407 1.71461 1.7514	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1223.6 1233.7 1243.7 1243.7 1243.7 1253.7
600         10.28         1.8157         1332.5         10.11         1.8139         1332.4         9.95         1.8121         1332.4         9.79         1.8103         1332.6           650         10.78         1.8383         1357.0         10.60         1.8365         1356.9         10.43         1.8347         1356.9         10.27         1.8329         1356.9	300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 460 470 480 490	7.15 7.26 7.37 7.48 7.59 7.70 7.80 2.8.12 8.23 8.34 8.44 8.54 8.65 8.75 8.86 9.06	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.7010 1.7070  1.7128 1.7186 1.7243 1.7299 1.7355  1.7409 1.7463 1.7516 1.7569 1.7621	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1244.2 1244.2 1244.1 1254.1 1254.1 1258.9 1268.9 1273.8 1273.8	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.40 8.51 8.61 8.71 8.81 8.91 9.01	[294.9]  1.6435  1.6471 1.6541 1.6669 1.6741  1.6805 1.6868 1.6930 1.7050  1.7109 1.7167 1.7224 1.7280 1.7336  1.7390 1.7444 1.7497 1.7550 1.7602	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1244.0 1253.9 1253.9 1263.8 1268.8 1273.7 1278.6	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86 7.96 8.06 8.17 8.27 8.37 8.47 8.57 8.67 8.77	[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.7031 1.7090 1.7148 1.7205 1.7261 1.7317 1.7372 1.7426 1.7479 1.7532 1.7584	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1223.8 1233.9 1243.9 1243.9 1243.8 1253.8 1253.8 1253.8	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.63 7.73 7.84 8.04 8.14 8.24 8.34 8.53 8.63 8.73	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.7012  1.7071 1.7129 1.7187 1.7243 1.7298  1.7353 1.7407 1.7461 1.7566	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6 1233.7 1248.7 1248.7 1248.7 1253.7
650 10.78 1.8383 1357.0 10.60 1.8365 1356.9 10.43 1.8347 1356.9 10.27 1.8329 1356.	300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480 490 500	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.23 8.34 8.54 8.65 8.75 8.86 9.06 9.16	[293.8]  1.6448  1.6492 1.6561 1.6629 1.66696 1.6761  1.6825 1.7010 1.7070  1.7128 1.7128 1.71243 1.7299 1.7355  1.7409 1.7463 1.7516 1.7569 1.7621	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1234.2 1244.2 1244.2 1249.1 1254.1 1254.1 1258.9 1273.8 1273.8	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.20 8.30 8.40 8.51 8.61 8.71 8.81 8.91 9.01	[294.9]  1.6435  1.6471 1.6541 1.6609 1.6741  1.6805 1.6868 1.6930 1.7050 1.7109 1.7167 1.7224 1.7280 1.7336  1.7390 1.7444 1.7497 1.7550 1.7654	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1234.0 1234.0 1244.0 1253.9 1258.9 1263.8 1268.8 1273.7 1278.6	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86 8.06 8.17 8.27 8.37 8.47 8.57 8.67 8.77	[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721  1.6785 1.6848 1.6971 1.7031  1.7090 1.7148 1.7205 1.7261 1.7317  1.7372 1.7426 1.7479 1.7532 1.7584	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1218.7 1223.8 1228.8 1233.9 1243.9 1244.9 1244.8 1253.8 1253.8 1253.8	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53 7.63 7.73 7.84 7.94 8.14 8.24 8.34 8.53 8.63 8.73 8.83	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.7012 1.7071 1.7129 1.7187 1.7243 1.7298  1.7353 1.7407 1.7461 1.7514 1.7566	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6 1233.7 1248.7 1248.7 1248.7 1253.7
	300 310 320 330 340 350 360 370 380 390 410 420 440 450 460 470 480 490 550	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.34 8.44 8.54 8.75 8.86 9.06 9.16	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761  1.6825 1.7910 1.7070  1.7128 1.7128 1.7128 1.7243 1.7299 1.7355  1.7409 1.7463 1.7516 1.7569 1.7621 1.7672 1.7921	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1234.2 1249.1 1254.1 1254.1 1254.3 1268.9 1273.8 1273.8 1278.7	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30 8.40 8.51 8.61 8.71 8.81 8.91 9.01	[294.9]  1.6435  1.6471  1.6541  1.6609  1.6741  1.6805  1.6868  1.6930  1.7050  1.7109  1.71224  1.7280  1.7336  1.7390  1.7444  1.7497  1.7550  1.7654  1.7654	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1234.0 1234.0 1249.0 1249.0 1253.9 1258.9 1268.8 1273.7 1278.6 1283.5 1308.0	6.91 7.02 7.12 7.23 7.34 7.45 7.65 7.65 7.76 7.86 8.06 8.17 8.27 8.47 8.57 8.47 8.57 8.77 8.87	[295.9]  1.6422  1.6451 1.6589 1.6656 1.6721  1.6785 1.6971 1.7031  1.7090 1.7148 1.7205 1.7261 1.7317  1.7372 1.7429 1.7459 1.7459 1.7532 1.7584	1182.2 1187.5 1192.8 1198.1 1203.3 	6.80 6.90 7.01 7.22 7.32 7.43 7.53 7.63 7.73 7.84 7.94 8.04 8.14 8.24 8.34 8.48 8.34 8.49 8.34 8.49 8.34 8.49 8.34 8.49 8.49 8.49 8.49 8.49 8.49 8.49 8.4	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.6952 1.7012  1.7187 1.71243 1.7298  1.7353 1.7407 1.7461 1.7514 1.7566  1.7617 1.7866	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6 1233.7 1248.7 1248.7 1253.7 1253.6 1268.5 1273.5 1273.5 1278.4
11.20   1.0599   1301.5   11.09   1.0501   1301.5   10.92   1.0503   1301.4   10.75   1.8540   1381.	300 310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480 490 550 600	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.23 8.34 8.44 8.65 8.75 8.86 9.06 9.16	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6696 1.6761 1.6888 1.6985 1.7010 1.7070  1.7128 1.7186 1.7243 1.7299 1.7453 1.7569 1.76621 1.7672 1.7672 1.7921 1.8157	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1244.2 1244.2 1254.1 1254.1 1258.9 1268.9 1273.8 1278.7	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30 8.40 8.51 8.61 8.71 8.81 9.01 9.11 9.01	[294.9]  1.6435  1.6471 1.6541 1.6669 1.6676 1.6741  1.6805 1.6990 1.7050  1.7109 1.7167 1.7224 1.7280 1.7336  1.7390 1.7444 1.7497 1.7550 1.7654 1.7902 1.7654 1.7902	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1239.0 1244.0 1253.9 1263.8 1263.8 1273.7 1278.6 1283.5 1308.0 1332.4	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.65 7.76 7.86 8.06 8.17 8.27 8.37 8.47 8.57 8.67 8.79 8.97 9.46 9.95	[295.9]  1.6422  1.6451 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.7031 1.7090 1.7148 1.7205 1.7261 1.7317 1.7322 1.7426 1.7426 1.7426 1.7532 1.7584 1.7635 1.7884 1.8121	1182.2 1187.5 1192.8 1198.1 1203.3 	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.53 7.63 7.73 7.84 7.94 8.04 8.14 8.24 8.34 8.63 8.73 8.83 9.31 9.79	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6706 1.6829 1.68891 1.6952 1.7012 1.7129 1.7187 1.7243 1.7298  1.7353 1.7407 1.7461 1.7566 1.7617 1.7866 1.8103	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6 1233.7 1243.7 1243.7 1243.7 1253.7 1253.7 1263.6 1263.6 1273.5 1278.4
	300 310 320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490 550 600 650	7.15 7.26 7.37 7.48 7.59 7.70 7.80 7.91 8.02 8.12 8.34 8.44 8.54 8.65 8.75 8.86 9.16 9.27 9.10.28 10.78	[293.8]  1.6448  1.6492 1.6561 1.6629 1.6666 1.6761  1.6825 1.7010 1.7070  1.7128 1.7186 1.7243 1.7299 1.7453 1.7459 1.7463 1.7516 1.75621 1.7672 1.7672 1.7672 1.8157 1.8383	1182.7 1188.0 1193.3 1198.5 1203.7 1208.8 1213.9 1219.0 1224.1 1229.1 1234.2 1249.1 1254.1 1254.1 1258.1 1273.8 1273.8 1273.8 1273.8 1332.5 1332.5	7.02 7.13 7.24 7.35 7.46 7.57 7.67 7.78 7.89 7.99 8.09 8.20 8.30 8.40 8.51 8.61 8.71 8.81 9.01 9.11 9.61 10.11	[294.9]  1.6435  1.6471 1.6541 1.6669 1.6741  1.6805 1.6868 1.6930 1.7050  1.7109 1.7167 1.7224 1.7280 1.7336  1.7390 1.7444 1.7497 1.7550 1.7654 1.7902 1.8139 1.8365	1182.5 1187.8 1193.1 1198.3 1203.5 1208.6 1213.7 1218.8 1223.9 1229.0 1234.0 1239.0 1244.0 1253.9 1263.8 1263.8 1273.7 1278.6 1283.5 1308.0 1332.4 1356.9	6.91 7.02 7.12 7.23 7.34 7.45 7.55 7.76 7.86 7.96 8.06 8.17 8.27 8.37 8.47 8.57 8.67 8.79 8.97 9.46 9.95 10.43	[295.9]  1.6422  1.6451 1.6521 1.6589 1.6656 1.6721 1.6785 1.6848 1.6910 1.7031 1.7090 1.7148 1.7205 1.7261 1.7317 1.7372 1.7426 1.7479 1.75384 1.7635 1.76884 1.8121 1.8347	1182.2 1187.5 1192.8 1198.1 1203.3 1208.4 1213.6 1213.6 1223.8 1223.8 1233.9 1243.9 1244.9 1248.8 1253.8 1253.8 1253.8 1253.8 1273.6 1273.6 1273.6 1273.6 1273.6	6.80 6.90 7.01 7.11 7.22 7.32 7.43 7.63 7.73 7.84 7.94 8.04 8.14 8.24 8.34 8.63 8.63 8.73 8.83 9.31 9.79	[296.9]  1.6409  1.6431 1.6501 1.6569 1.6636 1.6702  1.6766 1.6829 1.7012  1.7071 1.7129 1.7187 1.7243 1.7298  1.7353 1.7407 1.7461 1.7566  1.7566 1.8103 1.8329	1181.9 1187.3 1192.6 1197.9 1203.1 1208.2 1213.4 1218.5 1223.6 1228.6 1233.7 1248.7 1248.7 1253.7 1258.6 1263.6 1263.6 1273.5 1273.5 1278.4

Pres- sure		<b>65</b> [298.0]			<b>66</b> [299.0]			<b>67</b> [300.0]			<b>68</b> [301.0]	
Temp	v	s	i	V	s	i	v	8	i	v	s	i
Sat.	6.66	1.6397	1180.6	6.57	1.6384	1180.9	6.48	1.6372	1181.2	6.39	1.6360	1181.5
310	6.79	1.6481	1187.1	6.69	1.6461	1186.8	6.58	1.6442	1186.6	6.48	1.6423	1186.3
320	6.90	1.6550	1192.4	6.79	1.6530	1192.1	6.68	1.6511	1191.9	6.58	1.6492	1191.7
330	7.00	1.6617	1197.6	6.89	1.6598	1197.4	6.78	1.6579	1197.2	6.68	1.6560	1197.0
340	7.11	1.6682	1202.8	6.99	1.6663	1202.6	6.88	1.6645	1202.4	6.78	1.6626	1202.2
350	7.21	1.6747	1208.0	7.10	1.6728	1207.8	6.98	1.6710	1207.6	6.88	1.6691	1207.4
360	7.31	1.6810	1213.2	7.20	1.6791	1213.0	7.08	1.6773	1212.8	6.98	1.6755	1212.6
370	7.41	1.6872	1218.3	7.30	1.6854	1218.1	7.18	1.6835	1217.9	7.07	1.6817	1217.8
380	7.51	1.6933	1223.4	7.40	1.6915	1223.2	7.28	1.6897	1223.0	7.17	1.6879	1222.9
390	7.61	1.6993	1228.5	7.49	1.6975	1228.3	7.38	1.6957	1228.1	7.27	1.6939	1228.0
400	7.71	1.7052	1233.5	7.59	1.7034	1233.4	7.48	1.7016	1233.2	7.36	1.6998	1233.1
410	7.81	1.7111	1238.6	7.69	1.7093	1238.4	7.57	1.7075	1238.3	7.46	1.7057	1238.1
420	7.91	1.7168	1243.6	7.79	1.7150	1243.4	7.67	1.7132	1243.3	7.56	1.7114	1243.2
430	8.01	1.7225	1248.6	7.89	1.7207	1248.4	7.77	1.7189	1248.3	7.65	1.7171	1248.2
440	8.11	1.7280	1253.6	7.98	1.7262	1253.4	7.86	1.7244	1253.3	7.74	1.7227	1253.2
450	8.21	1.7335	1258.5	8.08	1.7317	1258.4	7.96	1.7299	1258.3	7.84	1.7282	1258.1
460	8.30	1.7389	1263.5	8.18	1.7371	1263.4	8.05	1.7354	1263.2	7.93	1.7336	1263.1
470	8.40	1.7443	1268.4	8.27	1.7425	1268.3	8.14	1.7407	1268.2	8.02	1.7390	1268.1
480	8.50	1.7496	1273.4	8.37	1.7478	1273.3	8.24	1.7460	1273.1	8.12	1.7443	1273.0
490	8.59	1.7548	1278.3	8.46	1.7530	1278.2	8.33	1.7512	1278.1	8.21	1.7495	1278.0
500	8.69	1.7599	1283.2	8.56	1.7581	1283.1	8.43	1.7564	1283.0	8.30	1.7547	1282.9
550	9.17	1.7848	1307.7	9.03	1.7831	1307.7	8.89	1.7814	1307.6	8.76	1.7797	1307.5
600	9.64	1.8085	1332.2	9.49	1.8068	1332.2	9.35	1.8051	1332.1	9.21	1.8034	1332.0
650	10.11	1.8311	1356.7	9.96	1.8294	1356.7	9.81	1.8277	1356.6	9.66	1.8260	1356.6
700	10.58	1.8528	1381.3	10.42	1.8511	1381.3	10.26	1.8494	1381.2	10.11	1.8478	1381.2
750	11.05	1.8737	1406.1	10.88	1.8720	1406.1	10.72	1.8703	1406.0	10.56	1.8687	1406.0
-		69			70			71			72	
		<b>69</b> [302.0]			<b>70</b> [302.9]			<b>71</b> [303.9]			<b>72</b> [304.8]	
Sat.	6.30	69	1181.7	6.22	70	1182.0	6.13	71	1182.3	6.05	72	1182.5
Sat. 310	6.30	<b>69</b> [302.0]		6.22	70 [302.9] 1.6336 1.6386			71 [303.9] 1.6324 1.6368			<b>72</b> [304.8]	1182.5
	6.38 6.48	69 [302.0] 1.6348 1.6405 1.6474	1181.7 1186.1 1191.4	6.29 6.38	70 [302.9] 1.6336 1.6386 1.6456	1182.0 1185.8 1191.2	6.13 6.19 6.29	71 [303.9] 1.6324 1.6368 1.6438	1182.3 1185.6 1191.0	6.05 6.10 6.20	72 [304.8] 1.6313 1.6350 1.6420	1182.5 1185.3 1190.7
310	6.38 6.48 6.58	69 [302.0] 1.6348 1.6405 1.6474 1.6542	1181.7 1186.1 1191.4 1196.7	6.29 6.38 6.48	70 [302.9] 1.6336 1.6386 1.6456 1.6524	1182.0 1185.8 1191.2 1196.5	6.13 6.19 6.29 6.39	71 [303.9] 1.6324 1.6368 1.6438 1.6506	1182.3 1185.6 1191.0 1196.3	6.05 6.10 6.20 6.30	72 [304.8] 1.6313 1.6350 1.6420 1.6488	1182.5 1185.3 1190.7 1196.1
310 320	6.38 6.48	69 [302.0] 1.6348 1.6405 1.6474	1181.7 1186.1 1191.4	6.29 6.38	70 [302.9] 1.6336 1.6386 1.6456	1182.0 1185.8 1191.2	6.13 6.19 6.29	71 [303.9] 1.6324 1.6368 1.6438	1182.3 1185.6 1191.0	6.05 6.10 6.20	72 [304.8] 1.6313 1.6350 1.6420	1182.5 1185.3 1190.7
310 320 330 340 <b>350</b>	6.38 6.48 6.58 6.68	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673	1181.7 1186.1 1191.4 1196.7	6.29 6.38 6.48 6.58	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590	1182.0 1185.8 1191.2 1196.5 1201.8	6.13 6.19 6.29 6.39 6.48 6.58	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572	1182.3 1185.6 1191.0 1196.3 1201.6	6.05 6.10 6.20 6.30 6.39 6.48	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554	1182.5 1185.3 1190.7 1196.1 1201.4
310 320 330 340	6.38 6.48 6.58 6.68 6.78 6.87	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737	1181.7 1186.1 1191.4 1196.7 1202.0	6.29 6.38 6.48 6.58 6.68 6.77	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719	1182.0 1185.8 1191.2 1196.5 1201.8	6.13 6.19 6.29 6.39 6.48 6.58 6.67	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0	6.05 6.10 6.20 6.30 6.39 6.48 6.58	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8
310 320 330 340 <b>350</b> 360 370	6.38 6.48 6.58 6.68 6.78 6.87 6.97	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6	6.29 6.38 6.48 6.58 6.68 6.77 6.87	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0
310 320 330 340 <b>350</b> 360 370 380	6.38 6.48 6.58 6.68 6.78 6.87 6.97 7.07	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6737 1.6739 1.6861	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6781 1.6843	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86	71 [303-9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76	72 [304.8] 1.6313 1.6350 1.6420 1.6420 1.6554 1.6620 1.6684 1.6747 1.6809	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2
310 320 330 340 <b>350</b> 360 370	6.38 6.48 6.58 6.68 6.78 6.87 6.97	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6	6.29 6.38 6.48 6.58 6.68 6.77 6.87	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.6887	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0
310 320 330 340 <b>350</b> 360 370 380	6.38 6.48 6.58 6.68 6.78 6.87 6.97 7.07 7.17	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799 1.6861 1.6921 1.6981	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96 7.06	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6559 1.6655 1.6781 1.6843 1.6904 1.6964	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86	71 [303-9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6870 1.6929	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3
310 320 330 340 350 360 370 380 390 400 410	6.38 6.48 6.58 6.68 6.78 6.87 7.07 7.17	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799 1.6861 1.6921 1.6981 1.7040	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96 7.06	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6559 1.6655 1.6719 1.6781 1.6843 1.6904 1.6964 1.7023	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1237.8	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.6887	1182.3 1185.6 1191.0 1196.3 1201.6 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6870 1.6929 1.6988	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3
310 320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420	6.38 6.48 6.58 6.68 6.78 6.87 6.97 7.07 7.17 7.26 7.35 7.44	69 [302.0] 1.6348 1.6405 1.6542 1.6542 1.6673 1.6737 1.6799 1.6861 1.6921 1.6981 1.7040 1.7040	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96 7.06 7.15 7.24 7.33	70 [302.9] 1.6336 1.6456 1.6524 1.6550 1.6655 1.6719 1.6781 1.6843 1.6904 1.6964 1.7023 1.7080	1182.0 1185.8 1191.2 1196.5 1207.0 1217.4 1222.6 1227.7 1232.8 1237.8 1242.9	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.6887	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6870 1.6929 1.6988 1.7046	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6
310 320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420 430	6.38 6.48 6.58 6.68 6.87 6.97 7.07 7.17 7.26 7.35 7.44 7.54	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6737 1.6799 1.6861 1.6921 1.6981 1.7047 1.7097 1.7154	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 12227.8 1223.9 1238.0 1248.0	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96 7.06 7.15 7.24 7.33 7.43	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6843 1.6904 1.7028 1.7080 1.7137	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1237.8 1242.9 1242.9	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.6826 1.7063 1.7063 1.7120	1182.3 1185.6 1191.0 1196.3 1201.6 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6890 1.6890 1.6929 1.6988 1.7046 1.7103	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1242.6 1247.6
310 320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420	6.38 6.48 6.58 6.68 6.78 6.87 6.97 7.07 7.17 7.26 7.35 7.44	69 [302.0] 1.6348 1.6405 1.6542 1.6542 1.6673 1.6737 1.6799 1.6861 1.6921 1.6981 1.7040 1.7040	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96 7.06 7.15 7.24 7.33	70 [302.9] 1.6336 1.6456 1.6524 1.6550 1.6655 1.6719 1.6781 1.6843 1.6904 1.6964 1.7023 1.7080	1182.0 1185.8 1191.2 1196.5 1207.0 1217.4 1222.6 1227.7 1232.8 1237.8 1242.9	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.6887	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6870 1.6929 1.6988 1.7046	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6
310 320 330 340 350 360 370 380 390 410 420 430 440 440	6.38 6.48 6.58 6.68 6.78 6.87 7.07 7.17 7.26 7.35 7.44 7.54 7.63	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799 1.6861 1.7991 1.7997 1.7154 1.7210 1.7255	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 12227.8 1223.9 1238.0 1248.0	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96 7.06 7.15 7.24 7.33 7.43	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6843 1.6904 1.7028 1.7080 1.7137	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1242.9 1247.9 1252.9	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.7005 1.7005 1.7120 1.7176	1182.3 1185.6 1191.0 1196.3 1201.6 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6899 1.6929 1.6988 1.7046 1.7103 1.7159	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1252.6
310 320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460	6.38 6.48 6.58 6.68 6.78 6.89 7.07 7.17 7.26 7.35 7.44 7.54 7.63	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799 1.6861 1.6921 1.7097 1.7154 1.7210 1.7255 1.7319	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1222.7 1222.7 1223.0 1243.0 1248.0 1253.0 1258.0 1258.0	6.29 6.38 6.48 6.58 6.68 6.77 6.87 6.96 7.06 7.15 7.24 7.33 7.43 7.52 7.61	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6552 1.6719 1.66843 1.6904 1.7023 1.7080 1.7137 1.7193 1.7248 1.7248 1.7302	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1242.9 1247.9 1252.9	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32 7.41	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6826 1.6826 1.7005 1.7005 1.7100 1.7176 1.7231 1.7231 1.7286	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1242.7 1252.8 1257.8 1257.8 1262.8	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.22 7.31	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6887 1.6929 1.6988 1.7046 1.7103 1.7159	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1247.6 1252.6
310 320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470	6.38 6.48 6.58 6.68 6.78 6.97 7.07 7.17 7.26 7.35 7.44 7.63 7.72 7.81 7.90	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6737 1.6799 1.6861 1.6921 1.6981 1.7040 1.7057 1.7154 1.7210 1.7255 1.7319 1.7373	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8 1232.9 1238.0 1248.0 1248.0 1253.0 1258.0 1268.0	6.29 6.38 6.48 6.58 6.68 6.77 6.87 7.06 7.15 7.24 7.33 7.43 7.52 7.61 7.70 7.79	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6781 1.6964 1.7023 1.7193 1.7193 1.7248 1.7302 1.7356	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1237.8 1247.9 1252.9 1252.9 1257.9 1262.9 1267.8	6.13 6.19 6.29 6.39 6.48 6.67 6.77 6.86 6.96 7.05 7.14 7.50 7.59 7.68	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.7005 1.7120 1.7126 1.7231 1.72286 1.7339	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1242.7 1252.8 1257.8 1262.8 1267.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.22 7.31	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6929 1.6988 1.7046 1.7103 1.7159	1182.5 1185.3 1190.7 1196.1 1201.4 1201.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1247.6 1252.6 1257.6 1262.6 1267.6
310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480	6.38 6.48 6.58 6.68 6.78 6.87 7.07 7.17 7.26 7.35 7.44 7.54 7.63 7.72 7.81	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799 1.6861 1.7040 1.7097 1.7154 1.7210 1.7255 1.7319 1.7373 1.7426	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8 1232.9 1238.0 1248.0 1258.0 1258.0 1268.0 1272.9	6.29 6.38 6.48 6.58 6.68 6.67 6.87 6.96 7.06 7.15 7.24 7.33 7.43 7.52 7.61 7.79 7.88	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.66781 1.6781 1.6904 1.7023 1.7023 1.7137 1.7193 1.7248 1.7326 1.7356 1.7409	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1242.9 1242.9 1257.9 1257.9 1262.9 1267.8 1272.8	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32 7.41 7.50 7.59 7.68 7.77	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6887 1.6946 1.7005 1.7120 1.7176 1.7231 1.7286 1.7339 1.7392	1182.3 1185.6 1191.0 1196.3 1201.6 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1242.7 1242.7 1252.8 1257.8 1267.7 1262.8 1267.7 1272.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.39 7.48 7.57 7.66	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6929 1.6988 1.7046 1.7103 1.7159 1.7214 1.7269 1.7323 1.7376	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1252.6 1257.6 1267.6 1267.6 1272.6
310 320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470	6.38 6.48 6.58 6.68 6.78 6.97 7.07 7.17 7.26 7.35 7.44 7.63 7.72 7.81 7.90	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6737 1.6799 1.6861 1.6921 1.6981 1.7040 1.7057 1.7154 1.7210 1.7255 1.7319 1.7373	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8 1232.9 1238.0 1248.0 1248.0 1253.0 1258.0 1268.0	6.29 6.38 6.48 6.58 6.68 6.77 6.87 7.06 7.15 7.24 7.33 7.43 7.52 7.61 7.70 7.79	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6781 1.6964 1.7023 1.7193 1.7193 1.7248 1.7302 1.7356	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1237.8 1247.9 1252.9 1252.9 1257.9 1262.9 1267.8	6.13 6.19 6.29 6.39 6.48 6.67 6.77 6.86 6.96 7.05 7.14 7.50 7.59 7.68	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.7005 1.7120 1.7126 1.7231 1.72286 1.7339	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1242.7 1252.8 1257.8 1262.8 1267.7	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.22 7.31	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6929 1.6988 1.7046 1.7103 1.7159	1182.5 1185.3 1190.7 1196.1 1201.4 1201.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1247.6 1252.6 1257.6 1262.6 1267.6
310 320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480 490	6.38 6.48 6.58 6.68 6.78 6.97 7.07 7.17 7.26 7.35 7.44 7.63 7.72 7.81 7.90 8.00 8.09	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6737 1.6799 1.6861 1.7040 1.7040 1.7154 1.7210 1.7265 1.7319 1.7373 1.7426 1.7478	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8 1232.9 1238.0 1248.0 1248.0 1253.0 1258.0 1268.0 1272.9 1277.9 1282.8	6.29 6.38 6.48 6.58 6.68 6.67 6.87 6.96 7.06 7.15 7.24 7.43 7.52 7.61 7.70 7.78 7.88 7.97	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6781 1.6964 1.7023 1.7193 1.7193 1.7248 1.7302 1.7356 1.7409 1.7461 1.7513	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1237.8 1247.9 1242.9 1247.9 1252.9 1267.8 1272.8 1277.8	6.13 6.19 6.29 6.39 6.48 6.67 6.77 6.86 6.96 7.05 7.14 7.50 7.59 7.68 7.77 7.86	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.7005 1.7102 1.7120 1.7120 1.71286 1.7339 1.7339 1.7392 1.7445	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1242.7 1252.8 1257.8 1262.8 1267.7 1272.7 1272.7 1272.6 1282.6	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.22 7.31 7.39 7.48 7.57 7.66 7.75	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6929 1.6988 1.7046 1.7103 1.7159 1.7214 1.7269 1.7376 1.7429 1.7449	1182.5 1185.3 1190.7 1196.1 1201.4 1201.4 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1247.6 1252.6 1267.6 1272.6 1277.5 1282.5
310 320 330 340 350 360 370 380 390 410 420 430 440 450 470 480 490 550	6.38 6.48 6.58 6.68 6.78 6.87 7.07 7.17 7.26 7.35 7.44 7.54 7.63 7.72 7.80 8.09 8.09	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6737 1.6799 1.6861 1.6921 1.6981 1.7040 1.7040 1.7154 1.7210 1.7255 1.7373 1.7426 1.7478 1.7530 1.7530 1.7780	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1227.8 1232.9 1238.0 1248.0 1253.0 1258.0 1268.0 1272.9 1277.9 1282.8 1307.4	6.29 6.38 6.48 6.58 6.68 6.67 6.96 7.06 7.15 7.24 7.33 7.43 7.52 7.61 7.79 7.88 7.97	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6781 1.6904 1.7023 1.7023 1.7137 1.7193 1.7248 1.7302 1.7356 1.7409 1.7461	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1247.9 1247.9 1252.9 1257.9 1267.8 1272.8 1277.8 1277.8	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32 7.41 7.50 7.59 7.68 7.77 7.86	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6887 1.7005 1.7120 1.7120 1.7121 1.7231 1.7286 1.7339 1.7392 1.7445	1182.3 1185.6 1191.0 1196.3 1201.6 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1247.7 1252.8 1257.8 1262.8 1267.7 1272.7 1272.7 1272.7 1272.7 1272.7 1282.6 1307.3	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.12 7.31 7.39 7.48 7.57 7.66 7.75 7.83	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6929 1.6988 1.7046 1.7103 1.7159 1.7214 1.7269 1.7323 1.7376 1.7429 1.7480 1.7431	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1257.6 1252.6 1257.6 1267.6 1277.5
310 320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490 550 600	6.38 6.48 6.58 6.68 6.78 6.87 7.07 7.17 7.26 7.35 7.44 7.54 7.63 7.72 7.80 8.09 8.18 8.63 9.08	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6737 1.6799 1.6861 1.7040 1.7097 1.7154 1.7210 1.7265 1.7319 1.7373 1.7426 1.7478 1.7530 1.7780 1.7780 1.7801	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1222.8 1232.9 1248.0 1248.0 1253.0 1253.0 1268.0 1272.9 1277.9 1282.8 1307.4 1332.0	6.29 6.38 6.48 6.58 6.68 6.77 6.96 7.06 7.15 7.24 7.33 7.43 7.52 7.61 7.70 7.79 8.06 8.51 8.95	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6781 1.6843 1.7023 1.7080 1.7137 1.7137 1.7248 1.7356 1.7356 1.7409 1.7461 1.7513 1.7763 1.8001	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1242.9 1242.9 1252.9 1252.9 1262.9 1262.9 1277.8 1272.8 1277.8	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32 7.41 7.50 7.68 7.77 7.86 7.95 8.39 8.82	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.7005 1.7106 1.7231 1.7286 1.7339 1.7445 1.7497 1.7747 1.7985	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1242.7 1242.7 1252.8 1262.8 1267.7 1272.6 1272.6 1272.7 1272.6 1272.7 1272.6 1282.6 1307.3 1331.8	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.22 7.31 7.39 7.48 7.57 7.66 7.75	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6929 1.6988 1.7046 1.7103 1.7159 1.7214 1.7269 1.7323 1.7376 1.7429 1.7480 1.7480 1.7731 1.7969	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1257.6 1257.6 1267.6 1272.6 1272.6 1272.6 1272.6 1272.6 1272.6
310 320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490 550 600 650	6.38 6.48 6.58 6.68 6.78 6.87 7.07 7.17 7.26 7.35 7.44 7.54 7.54 7.781 7.90 8.09 8.18 8.63 9.08 9.52	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6737 1.6799 1.6861 1.6921 1.6981 1.7040 1.7040 1.7154 1.7210 1.7255 1.7373 1.7426 1.7478 1.7530 1.7530 1.7780	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1222.7 1232.9 1243.0 1243.0 1253.0 1268.0 1277.9 1282.8 1307.4 1332.0 1332.0 13356.5	6.29 6.38 6.48 6.58 6.68 6.77 6.96 7.06 7.15 7.24 7.33 7.43 7.52 7.61 7.79 7.88 7.97 8.06 8.51 8.95 9.39	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6843 1.7080 1.7080 1.7193 1.7248 1.7356 1.7409 1.7461 1.7513 1.7763 1.8208	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1237.8 1242.9 1247.9 1252.9 1267.8 1272.8 1272.8 1272.8 1277.8 1277.8	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32 7.41 7.50 7.59 7.68 7.77 7.86 7.95 8.39 8.39	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.7063 1.7120 1.7176 1.7231 1.7286 1.7339 1.7392 1.7445 1.7447 1.77497 1.77985 1.8212	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1247.7 1252.8 1257.8 1262.8 1267.7 1277.6 1282.6 1307.3 1331.8 1331.8 13356.4	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.22 7.31 7.39 7.48 7.57 7.66 7.75 7.83 8.27 9.12	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6988 1.7046 1.7103 1.7159 1.7214 1.7269 1.7323 1.7376 1.7480 1.77480 1.77969 1.8196	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1247.6 1247.6 1252.6 1257.6 1267.6 1277.5 1282.5 1307.2 1331.8 1331.8 13356.4
310 320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490 550 600	6.38 6.48 6.58 6.68 6.78 6.87 7.07 7.17 7.26 7.35 7.44 7.54 7.63 7.72 7.80 8.09 8.18 8.63 9.08	69 [302.0] 1.6348 1.6405 1.6474 1.6542 1.6608 1.6673 1.6737 1.6799 1.6861 1.7097 1.7154 1.7097 1.7154 1.7210 1.7255 1.7373 1.7426 1.7478 1.7478 1.7530 1.8244	1181.7 1186.1 1191.4 1196.7 1202.0 1207.2 1212.4 1217.6 1222.7 1222.8 1232.9 1248.0 1248.0 1253.0 1253.0 1268.0 1272.9 1277.9 1282.8 1307.4 1332.0	6.29 6.38 6.48 6.58 6.68 6.77 6.96 7.06 7.15 7.24 7.33 7.43 7.52 7.61 7.70 7.79 8.06 8.51 8.95	70 [302.9] 1.6336 1.6386 1.6456 1.6524 1.6590 1.6655 1.6719 1.6781 1.6843 1.7023 1.7080 1.7137 1.7137 1.7248 1.7356 1.7356 1.7409 1.7461 1.7513 1.7763 1.8001	1182.0 1185.8 1191.2 1196.5 1201.8 1207.0 1212.2 1217.4 1222.6 1227.7 1232.8 1242.9 1242.9 1252.9 1252.9 1262.9 1262.9 1277.8 1272.8 1277.8	6.13 6.19 6.29 6.39 6.48 6.58 6.67 6.77 6.86 6.96 7.05 7.14 7.23 7.32 7.41 7.50 7.68 7.77 7.86 7.95 8.39 8.82	71 [303.9] 1.6324 1.6368 1.6438 1.6506 1.6572 1.6638 1.6702 1.6764 1.6826 1.7005 1.7106 1.7231 1.7286 1.7339 1.7445 1.7497 1.7747 1.7985	1182.3 1185.6 1191.0 1196.3 1201.6 1206.8 1212.0 1217.2 1222.4 1227.5 1232.6 1237.7 1242.7 1242.7 1242.7 1252.8 1262.8 1267.7 1272.6 1272.6 1272.7 1272.6 1272.7 1272.6 1282.6 1307.3 1331.8	6.05 6.10 6.20 6.30 6.39 6.48 6.58 6.67 6.76 6.86 6.95 7.04 7.13 7.22 7.31 7.39 7.48 7.57 7.66 7.75	72 [304.8] 1.6313 1.6350 1.6420 1.6488 1.6554 1.6620 1.6684 1.6747 1.6809 1.6929 1.6988 1.7046 1.7103 1.7159 1.7214 1.7269 1.7323 1.7376 1.7429 1.7480 1.7480 1.7731 1.7969	1182.5 1185.3 1190.7 1196.1 1201.4 1206.6 1211.8 1217.0 1222.2 1227.3 1232.4 1237.5 1242.6 1257.6 1257.6 1267.6 1272.6 1272.6 1272.6 1272.6 1272.6 1272.6

Prosu		<b>73</b> [305.8]			<b>74</b> [306.7]			<b>75</b> [307.6]			<b>76</b> [308.5]	
Ter ° I	mp v	s	i	V	s	i	v	s	i	V	s	i
Sa		1.6302	1182.8	5.90	1.6291	1183.0	5.82	1.6280	1183.3	5.75	1.6269	1183.5
310		1.6332	1185.1	5.93 6.03	1.6314	1184.8	5.85 5.94	1.6297	1184.6	5.77 5.86	1.6280	1184.3
330	6.21	1.6470	1195.8	6.12	1.6453	1195.6	6.03	1.6436*		5.95 6.04	1.6419	1195.2
35		1.6603	1206.4	6.30	1.6586	1206.2	6.22	1.6569	1206.0	6.13	1.6552	1205.8
360	6.48	1.6667	1211.6	6.39	1.6650	1211.4	6.31 6.40	1.6633	1211.3	6.22 6.31	1.6617	1211.1
380	6.67	1.6792	1222.0	6.57	1.6775	1221.8	6.48	1.6759	1221.7	6.40	1.6742	1221.5
390 40			1227.2			1227.0	6.57			6.48	1.6804	1226.6
410		1.6913	1232.3	6.75 6.84	1.6896	1232.1	6.66 6.75	1.6880	1232.0	6.57	1.6864	1231.8
420		1.7029	1242.4	6.93	1.7013	1242.3	6.84	1.6997	1242.1	6.74	1.6981	1242.0
440		1.7086	1247.5	7.02	1.7070	1247.3	6.92 7.01	1.7054	1247.2	6.83 6.91	1.7038	1247.1
450		1.7198	1257.5	7.19	1.7182	1257.4	7.09	1.7166	1257.3	7.00	1.7150	1257.1
470		1.7253	1262.5 2167.5	7.36	1.7237	1262.4	7.18 7.26	1.7221	1262.3	7.08	1.7205	1262.1
480		1.7360	1272.5	7.45	1.7344	1272.4	7.35	1.7328	1272.3	7.25	1.7312	1272.1
500		1.7412	1277.4	7.53	1.7396	1277.3	7.43	1.7381	1277.2	7.33	1.7365	1277.1
550	1	1.7464	1307.1	7.62 8.04	1.7448	1282.3	$7.5^{2}$ $7.93$	1.7433	1306.9	7.42	1.7417	1282.1
600	8.58	1.7953	1331.7	8.46	1.7937	1331.6	8.35	1.7922	1331.6	8.24	1.7907	1331.5
700		1.8180	1356.3	8.88 9.29	1.8165	1356.3	8.76 9.16	1.8150	1356.2 1380.9	8.6 <sub>4</sub> 9.0 <sub>4</sub>	1.8135	1356.1
750	9.83	1.8607	1405.8	9.70	1.8592	1405.8	9.57	1.8577	1405.7	9.44	1.8562	1405.7
		<b>77</b> [309.4]			78 [310.3]			<b>79</b> [311.2]			<b>80</b> [312.0]	
Sa	t. 5.68	1.6259	1183.8	5.61	1.6248	1184.0	5.55	1.6238	1184.2	5.48	1.6227	1184.4
320	5.78	1.6333	1189.5	5.70	1.6317	1189.3	5.63	1.6300	1189.0	5.55	1.6284	1188.8
330		1.6402	1194.9	5.79	1.6386	1194.7	5.71	1.6369	1194.5	5.64	1.6353	1194.2
340		1.6470	1200.3	5.88	1.6453	1200.1	5.80	1.6437	1199.9	5.73	1.6421	1199.6
360		1.6536	1205.6	5.97 6.05	1.6519	1205.4	5.89 5.97	1.6568	1205.2	5.81	1.6487	1205.0
370	6.22	1.6664	1216.1	6.14	1.6648	1215.9	6.06	1.6632	1215.7	5.98	1.6616	1215.5
38c		1.6726	1221.3	6.23	1.6710	1221.1	6.15	1.6695 1.6756	1221.0	6.07	1.6679	1220.8
400		1.6848	1231.6	6.40	1.6832	1231.5	6.31	1.6816	1231.3	6.23	1.6801	1231.1
410		1.6907	1236.7	6.48	1.6891	1236.6	6.40	1.6876	1236.4	6.32	1.6861	1236.3
430	C	1.6965	1241.8	6.65	1.6950	1241.7	6.48	1.6934	1241.5	6.40 6.48	1.6919	1241.4
440		1.7079	1252.0	6.73	1.7064	1251.8	6.65	1.7048	1251.7	6.56	1.7033	1251.6
450	2	1.7135	1257.0	6.82	1.7119	1256.9	6.73	1.7104	1256.8	6.64	1.7089	1256.6
460 470		1.7190		6.90 6.98	1.7174	1261.9	6.81	1.7159	1261.8	6.72 6.80	1.7144	1261.7
480	7.16	1.7297	1272.0	7.06	1.7282	1271.9	6.97	1.7267	1271.8	6.88	1.7252	1271.7
490		1.7350	1277.0	7.14	1.7335	1276.9	7.05	1.7320	1276.8	6.96	1.7305	1276.7
550	, ,	1.7402	1282.0	7.22 7.63	1.7387	1281.9	7.13 7.53	1.7372	1281.8	7.04	1.7357	1281.7
600	8.13	1.7892	1331.4	8.02	1.7877	1331.4	7.92	1.7863	1331.3	7.43	1.7848	1331.2
650					1.8105	1356.0	8.31	1.8091	1356.0	8.21	1.8076	1355.9
		1.8120	1356.1	8.42								
700		1.8338	1350.1	8.81	1.8323	1380.8	8.70	1.8309	1380.7	8.59	1.8294	1380.7

-												
Pres-		81		-	82			83			84	
sure		[312.9]			[313.7]			[314.6]			[315.4]	
Temp		s	l i	v	s	i	v	s	i			i
°F.		- 5			-			8			S	1
Sat.	5.42	1.6217	1184.7	5.35	1.6207	1184.9	5.29	1.6197	1185.1	5.23	1.6187	1185.3
	0	- 6.60	00 6		- 6	00 -		- 6 6	00 _		- 6	0-0
320	5.48	1.6268	1188.6	5.41	1.6252	1188.3	5.34	1.6236	1188.1	5.27 5.36	1.6220	1187.8
330 340	5.57 5.65	1.6405	1194.0	5.58	1.6389	1193.0	5.42 5.51	1.6374	1193.0	5.44	1.6358	1193.3
340	3.53		33.4		23.5	95	3.3-	-1-574	33.0		-10330	119010
350	5.74	1.6472	1204.8	5.66	1.6456	1204.6	5.59	1.6441	1204.4	5.52	1.6425	1204.2
360	5.82	1.6537	1210.1	5.75	1.6521	1209.9	5.68	1.6506	1209.7	5.60	1.6491	1209.5
370	5.91	1.6601	1215.4	5.83	1.6585	1215.2	5.76	1.6570	1215.0	5.69	1.6555	1214.8
380	5.99	1.6664	1220.6	5.91	1.6648	1220.4	5.84	1.6633	1220.2	5.77	1.6618	1220.1
390	6.07	1.6725	1225.8	5.99	1.0/10	1225.6	5.92	1.6695	1225.5	5.85	1.0000	1225.3
400	6.15	1.6786	1231.0	6.07	1.6771	1230.8	6.00	1.6756	1230.7	5.93	1.6741	1230.5
410	6.23	1.6845	1236.1	6.16	1.6830	1236.0	6.08	1.6815	1235.8	6.01	1.6801	1235.7
420	6.32	1.6904	1241.3	6.24	1.6889	1241.1	6.16	1.6874	1241.0	6.08	1.6860	1240.8
430	6.40	1.6962	1246.4	6.32	1.6947	1246.2	6.24	1.6932	1246.1	6.16	1.6918	1245.9
440	6.48	1.7018	1251.4	6.40	1.7003	1251.3	6.32	1.6989	1251.2	6.24	1.6974	1251.0
450	6.56	1.7074	1256.5	6.48	1.7059	1256.4	6.40	1.7045	1256.2	6.32	1.7031	1256.1
460	6.64	1.7129	1261.5	6.55	1.7114	1261.4	6.47	1.7100	1261.3	6.39	1.7086	1261.2
470	6.72	1.7184	1266.6	6.63	1.7169	1266.5	6.55	1.7155	1266.3	6.47	1.7141	1266.2
480	6.80	1.7237	1271.6	6.71	1.7223	1271.5	6.63	1.7209	1271.4	6.55	1.7194	1271.2
490	6.87	1.7290	1276.6	6.79	1.7276	1276.5	6.70	1.7262	1276.4	6.62	1.7247	1276.3
500	6.95	T 7043	1281.6	6.87	T 7008	1281.5	6.78	T 7074	1281.4	6.70	T 7000	7087 0
550	7.34	1.7343	1306.4	7.25	1.7328	1306.4	7.16	1.7314	1306.3	7.08	1.7300	1281.3
600	7.72	1.7834	1331.2	7.63	1.7820	1331.1	7.54	1.7806	1331.0	7.45	1.7792	1330.9
650	8.10	1.8062	1355.9	8.01	1.8048	1355.8	7.91	1.8034	1355.8	7.81	1.8020	1355.7
700	8.48	1.8280	1380.6	8.38	1.8266	1380.6	8.28	1.8253	1380.5	8.18	1.8239	1380.5
750	8.86	1.8490	7405 5	8.75	1.8476	T405 5	8.64	1.8463	7.40° 4	8.54	1.8449	7405 4
800	9.23	1.8693	1405.5	9.12	1.8679	1405.5	9.01	1.8666	1405.4	8.90	1.8652	1405.4
					1							
		85			86			87			88	
		[316.3]			[317.1]			[317.9]			[318.7]	0.6
Sat.	5.18		1185.5	5.12		1185.7	5.06		1185.9	5.01		1186.1
		[316.3]	1185.5	-	[317.1]			[317.9]	1185.9		[318.7]	1186.1
Sat. 320	5.18 5.21 5.29	[316.3]		5.12 5.14 5.23	[317.1]	1185.7 1187.4 1192.9	5.06 5.08 5.16	[317.9]		5.01 5.02 5.10	[318.7]	
320	5.21	[316.3] 1.6178 1.6204	1187.6	5.14	[317.1]   1.6168   1.6189	1187.4	5.08	[317.9] 1.6159 1.6174	1187.1	5.02	[318.7] 1.6149 1.6159	1186.9
320 330 340	5.21 5.29 5.37	[316.3] 1.6178 1.6204 1.6274 1.6343	1187.6 1193.1 1198.5	5.14 5.23 5.31	[317.1] 1.6168 1.6189 1.6259 1.6328	1187.4 1192.9 1198.3	5.08 5.16 5.24	[317.9] 1.6159 1.6174 1.6244 1.6313	1187.1 1192.6 1198.1	5.02 5.10 5.18	[318.7] 1.6149 1.6159 1.6229 1.6298	1186.9 1192.4 1197.9
320 330 340 <b>350</b>	5.21 5.29 5.37 5.46	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410	1187.6 1193.1 1198.5	5.14 5.23 5.31 5.39	[317.1] 1.6168 1.6189 1.6259 1.6328	1187.4 1192.9 1198.3	5.08 5.16 5.24 5.32	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380	1187.1 1192.6 1198.1	5.02 5.10 5.18	[318.7] 1.6149 1.6159 1.6229 1.6298 1.6366	1186.9 1192.4 1197.9
320 330 340 <b>350</b> 360	5.21 5.29 5.37 5.46 5.54	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476	1187.6 1193.1 1198.5 1203.9 1209.3	5.14 5.23 5.31 5.39 5.47	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461	1187.4 1192.9 1198.3 1203.7 1209.1	5.08 5.16 5.24 5.32 5.40	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6446	1187.1 1192.6 1198.1 1203.5 1208.9	5.02 5.10 5.18 5.26 5.34	[318.7] 1.6149 1.6159 1.6229 1.6298	1186.9 1192.4 1197.9 1203.3 1208.7
320 330 340 <b>350</b> 360 370	5.21 5.29 5.37 5.46 5.54 5.62	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6	5.14 5.23 5.31 5.39	[317.1] 1.6168 1.6189 1.6259 1.6328	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4	5.08 5.16 5.24 5.32 5.40 5.48	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6446 1.6510	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2	5.02 5.10 5.18 5.26 5.34 5.42	[318.7] 1.6149 1.6159 1.6229 1.6298 1.6366 1.6432	1186.9 1192.4 1197.9
320 330 340 <b>350</b> 360	5.21 5.29 5.37 5.46 5.54	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6540	1187.6 1193.1 1198.5 1203.9 1209.3	5.14 5.23 5.31 5.39 5.47 5.55	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461 1.6525	1187.4 1192.9 1198.3 1203.7 1209.1	5.08 5.16 5.24 5.32 5.40	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6446	1187.1 1192.6 1198.1 1203.5 1208.9	5.02 5.10 5.18 5.26 5.34	[318.7] 1.6149 1.6159 1.6229 1.6298 1.6366 1.6432 1.6496	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0
320 330 340 <b>350</b> 360 370 380 390	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6540 1.6603 1.6665	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57	[318.7] 1.6149 1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6
320 330 340 <b>350</b> 360 370 380 390	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6540 1.6603 1.6665	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57	[318.7] 1.6149 1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6560 1.6684	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6
320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 5.93	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6540 1.6665 1.6726 1.6786	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1 1230.3 1235.5	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651 1.6712 1.6772	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637 1.6698 1.6758	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65	[318.7] 1.6149 1.6159 1.6229 1.6366 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6
320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6540 1.6603 1.6665	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65 5.72 5.80	[318.7] 1.6149 1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6560 1.6684	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6
320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 5.93 6.01	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6540 1.6603 1.6665 1.6726 1.6726 1.6786 1.6845	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1 1230.3 1235.5	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 5.94	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6525 1.6525 1.6589 1.6651 1.6712 1.6772 1.6831	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6440 1.6574 1.6637 1.6698 1.6758 1.6758	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65	[318.7] 1.6149 1.6159 1.6229 1.6366 1.6432 1.6496 1.6560 1.6560 1.6622	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2
320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420 430 440	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 5.93 6.01 6.09 6.16	[316.3]  1.6178  1.6204 1.6274 1.6343 1.6476 1.6540 1.6563 1.6665  1.6726 1.6786 1.6845 1.6993 1.6960	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 5.94 6.09	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651 1.6772 1.6831 1.6889 1.6946	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.02	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6510 1.6574 1.6637 1.6698 1.6758 1.6817 1.6875 1.6932	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65 5.72 5.80 5.87 5.95	[318.7]  1.6149  1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744 1.6803 1.6861 1.6918	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5
320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b>	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 5.93 6.01 6.09 6.16	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6549 1.6603 1.6665 1.6726 1.6786 1.6845 1.6903 1.6960	1187.6 1193.1 1198.5 1203.9 1229.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 5.94 6.01 6.09	[317.1] 1.6168 1.6189 1.6259 1.6325 1.6395 1.6451 1.6525 1.6589 1.6651 1.6712 1.6831 1.6889 1.6946	1187.4 1192.9 1198.3 1203.7 1209.1 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.02	[317.9]  1.6159  1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637 1.6698 1.6758 1.6817 1.6875 1.6932	1187.1 1192.6 1198.1 1203.5 1208.9 1214.9 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65 5.72 5.80 5.87 5.95	[318.7]  1.6149  1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744 1.6803 1.6861 1.6918	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5
320 330 340 350 360 370 380 390 410 420 430 440 450 460	5.21 5.29 5.37 5.46 5.54 5.52 5.70 5.78 5.85 5.93 6.01 6.09 6.16 6.24 6.32	[316.3]  1.6178  1.6204 1.6274 1.6343 1.6476 1.6540 1.6563 1.6665  1.6726 1.6786 1.6845 1.6993 1.6960	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9	5.14 5.23 5.31 5.39 5.47 5.563 5.71 5.78 5.86 6.01 6.09 6.17 6.24	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651 1.6772 1.6831 1.6889 1.6946	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.02	[317.9] 1.6159 1.6174 1.6244 1.6313 1.6380 1.6510 1.6574 1.6637 1.6698 1.6758 1.6817 1.6875 1.6932	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65 5.72 5.80 5.87 5.95	[318.7]  1.6149  1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744 1.6803 1.6861 1.6918	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5
320 330 340 <b>350</b> 360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b>	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 5.93 6.01 6.09 6.16	[316.3] 1.6178 1.6204 1.6274 1.6343 1.6410 1.6476 1.6540 1.6665 1.6726 1.6726 1.6786 1.6845 1.6903 1.6960 1.7016	1187.6 1193.1 1198.5 1203.9 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1256.0 1266.1 1271.1	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 5.94 6.01 6.09	[317.1] 1.6168 1.6189 1.6259 1.6328 1.6395 1.6525 1.6525 1.6589 1.6651 1.6772 1.6889 1.6889 1.6946 1.7002 1.7002	1187.4 1192.9 1198.3 1203.7 1209.1 1219.7 1225.0 1230.2 1245.6 1250.7	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.02 6.09 6.17	[317.9]  1.6159  1.6174 1.6244 1.6313  1.6380 1.6446 1.6510 1.6574 1.6637  1.6698 1.6758 1.6875 1.6932  1.6988 1.7044	1187.1 1192.6 1198.1 1203.5 1208.9 1214.9 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65 5.72 5.80 5.95 6.02 6.17 6.24	[318.7]  1.6149  1.6159 1.6229 1.6298  1.6366 1.6432 1.6496 1.6560 1.6560 1.6622  1.6684 1.6744 1.6803 1.6861 1.6918 1.6975 1.7030	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5 1255.6 1260.7 1265.7
320 330 340 350 360 370 380 390 400 420 430 440 450 460 470	5.21 5.29 5.37 5.46 5.54 5.52 5.78 5.85 5.93 6.09 6.16 6.24 6.32 6.39	[316.3]  1.6178  1.6204 1.6274 1.6343  1.6410 1.6540 1.6603 1.6665 1.6726 1.6786 1.68845 1.6993 1.6960	1187.6 1193.1 1198.5 1203.9 1209.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9	5.14 5.23 5.31 5.39 5.47 5.563 5.71 5.78 5.86 6.01 6.09 6.17 6.24 6.32	[317.1]  1.6168  1.6189 1.6259 1.6328  1.6395 1.6461 1.6525 1.6589 1.6651 1.6772 1.6831 1.6889 1.6946  1.7002 1.7008 1.7008	1187.4 1192.9 1198.3 1203.7 1209.1 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.94 6.02 6.09 6.17 6.24	[317.9]  1.6159  1.6174 1.6244 1.6313  1.6380 1.6446 1.6574 1.6637 1.6698 1.6758 1.6875 1.6932  1.6988 1.7044 1.7099	1187.1 1192.6 1198.1 1203.5 1208.9 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6	5.02 5.10 5.18 5.26 5.34 5.42 5.57 5.65 5.72 5.80 5.87 5.95 6.02 6.10 6.17	[318.7]  1.6149  1.6159 1.6229 1.6298  1.6366 1.6432 1.6466 1.6560 1.6622 1.6684 1.6744 1.6803 1.68918 1.6918	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5
320 330 340 350 360 370 380 390 400 410 420 430 440 460 470 480	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 5.93 6.09 6.16	[316.3]  1.6178  1.6204 1.6274 1.6343  1.6410 1.6476 1.6540 1.6603 1.6665  1.6726 1.6786 1.6845 1.6903 1.7016 1.7072 1.7126 1.7126 1.7123	1187.6 1193.1 1198.5 1203.9 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1256.0 1266.1 1271.1	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 6.01 6.09 6.17 6.24 6.32 6.39 6.47	[317.1]  1.6168 1.6189 1.6259 1.6328 1.6395 1.64651 1.6525 1.6589 1.6651 1.6772 1.6831 1.6889 1.6946 1.7002 1.7058 1.7112 1.7166 1.7220	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5 1240.5 1250.7 1255.8 1266.0 1271.0	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.02 6.09 6.17 6.24 6.32 6.39	[317.9]  1.6159  1.6174 1.6244 1.6313 1.6380 1.6574 1.6637 1.6698 1.6758 1.6817 1.6988 1.7049 1.7153	1187.1 1192.6 1198.1 1203.5 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.6 1250.6 1255.7 1260.8 1265.9 1270.9	5.02 5.10 5.18 5.26 5.34 5.50 5.57 5.65 5.72 5.80 5.87 5.95 6.02 6.10 6.17 6.24 6.32	[318.7]  1.6149  1.6229 1.6229 1.6496 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744 1.6803 1.6861 1.6975 1.7030	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5 1255.6 1260.7 1265.7
320 330 340 350 360 370 380 390 400 420 430 440 450 460 470 480 490	5.21 5.29 5.37 5.46 5.54 5.52 5.70 5.78 5.85 5.93 6.01 6.09 6.16 6.24 6.32 6.39 6.47 6.54	[316.3]  1.6178  1.6204 1.6343  1.6410 1.6540 1.6563 1.6665  1.6726 1.6786 1.6960 1.7016 1.7016 1.7016 1.7126 1.7126	1187.6 1193.1 1198.5 1203.9 1229.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1256.0 1266.1 1271.1 1276.1	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 6.01 6.09 6.17 6.24 6.32 6.39	[317.1]  1.6168  1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651 1.6772 1.6831 1.6889 1.7058 1.7058	1187.4 1192.9 1198.3 1203.7 1203.7 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7 1255.8 1260.9 1266.0 1271.0	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.02 6.09 6.17 6.24 6.32	[317.9]  1.6159  1.6174 1.6244 1.6313  1.6380 1.6446 1.6574 1.6637  1.6698 1.6758 1.6875 1.6932  1.6988 1.7044 1.7099 1.7153 1.7206	1187.1 1192.6 1198.1 1203.5 1208.9 1214.9 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6 1255.7 1260.8 1265.9 1270.9 1275.9	5.02 5.10 5.18 5.26 5.34 5.42 5.50 5.57 5.65 5.72 5.80 5.95 6.02 6.17 6.24	[318.7]  1.6149  1.6159 1.6229 1.6298  1.6366 1.6432 1.6560 1.6560 1.6562  1.6684 1.6744 1.6803 1.6861 1.6918  1.6975 1.7030 1.7085 1.7139 1.7192	1186.9 1192.4 1197.9 1203.3 1208.7 1214.9 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5 1265.7 1270.8 1275.8
320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490	5.21 5.29 5.37 5.46 5.54 5.570 5.78 5.85 5.93 6.01 6.09 6.16 6.24 6.32 6.39 6.47 6.54	[316.3]  1.6178  1.6204 1.6274 1.6343 1.6476 1.6540 1.6665  1.6726 1.6786 1.6845 1.6960 1.7016 1.7012 1.7128 1.7123 1.7233	1187.6 1193.1 1198.5 1203.9 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1256.0 1261.0 1261.1 1271.1 1271.1	5.14 5.23 5.31 5.39 5.47 5.563 5.71 5.78 5.86 6.09 6.17 6.24 6.32 6.39 6.47	[317.1]  1.6168  1.6189 1.6259 1.6328  1.6395 1.6451 1.6525 1.65651  1.6772 1.6831 1.6889 1.6946  1.7002 1.7058 1.7112 1.7166 1.7220	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7 1255.8 1260.9 1266.0 1271.0 1276.0	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.02 6.09 6.17 6.24 6.32 6.39 6.46	[317.9]  1.6159  1.6174 1.6244 1.6313  1.6380 1.6446 1.6510 1.6574 1.6637  1.6698 1.6758 1.6875 1.6932 1.6988 1.7044 1.7099 1.7153 1.7206	1187.1 1192.6 1198.1 1203.5 1208.9 1214.9 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6 1255.7 1260.8 1265.9 1270.9 1275.9	5.02 5.10 5.18 5.26 5.34 5.45 5.57 5.65 5.72 5.80 5.87 5.95 6.02 6.10 6.17 6.24 6.32	[318.7]  1.6149  1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744 1.6803 1.6918 1.6918 1.7030 1.7030 1.7030 1.7139 1.7139	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5 1255.6 1260.7 1265.7 1270.8 1275.8
320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490 550 600 650	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 6.01 6.09 6.16 6.24 6.32 6.39 6.47 6.54 6.54 6.54 6.54 6.70 6.70 6.70	[316.3]  1.6178  1.6204 1.6274 1.6343  1.6410 1.6476 1.6549 1.6603 1.6665  1.7076 1.7072 1.7126 1.7128 1.7286 1.7286 1.7539 1.7779 1.8007	1187.6 1193.1 1198.5 1203.9 1229.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1261.0 1261.0 1271.1 1271.1 1281.2 1306.1	5.14 5.23 5.31 5.39 5.47 5.563 5.71 5.78 5.86 6.01 6.09 6.17 6.24 6.32 6.39 6.47	[317.1]  1.6168  1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651  1.6712 1.6831 1.6889 1.7058 1.7126 1.7126 1.7120 1.7220 1.7272 1.7555 1.7765	1187.4 1192.9 1198.3 1203.7 1209.1 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7 1255.8 1260.9 1271.0 1271.0 1281.1 1306.0	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 6.02 6.09 6.17 6.24 6.32 6.39 6.46 6.83 7.19 7.54	[317.9]  1.6159  1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637 1.6698 1.6758 1.6817 1.6932 1.7944 1.7099 1.7153 1.7206 1.7258 1.7512 1.7752 1.7752	1187.1 1192.6 1198.1 1203.5 1228.9 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6 1255.7 1260.8 1265.9 1270.9 1270.9 1281.0 1305.9 1305.9 1330.7 1335.5	5.02 5.10 5.18 5.26 5.342 5.50 5.57 5.65 5.72 5.80 5.87 5.95 6.02 6.10 6.17 6.39 6.75 7.10 7.45	[318.7]  1.6149  1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622  1.6684 1.6744 1.6803 1.6861 1.7030 1.7085 1.7030 1.7085 1.7192 1.7245 1.7459 1.7739 1.7739 1.7739	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5 1255.6 1260.7 1275.8 1275.8 1275.8
320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490 550 600	5.21 5.29 5.37 5.46 5.54 5.70 5.78 5.85 5.93 6.01 6.24 6.32 6.39 6.47 6.54	[316.3]  1.6178  1.6204 1.6274 1.6343 1.6476 1.6540 1.6665  1.6726 1.6786 1.6845 1.6960 1.7016 1.7012 1.7128 1.7123 1.7233	1187.6 1193.1 1198.5 1203.9 1229.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1256.0 1261.0 1271.1 1271.1 1276.1	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 5.94 6.09 6.17 6.24 6.39 6.47	[317.1]  1.6168  1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651 1.6772 1.6831 1.6889 1.7058 1.7166 1.7220 1.7272 1.7525 1.7765	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7 1255.8 1260.9 1271.0 1271.0 1276.0	5.08 5.16 5.24 5.32 5.48 5.56 5.64 5.72 5.79 5.87 5.94 6.09 6.17 6.24 6.39 6.46 6.83 7.19	[317.9]  1.6159  1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637 1.6698 1.6758 1.6817 1.6932 1.7938 1.7044 1.7099 1.7153 1.7206	1187.1 1192.6 1198.1 1203.5 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1255.6 1255.7 1260.8 1270.9 1270.9 1275.9	5.02 5.10 5.18 5.26 5.34 5.50 5.57 5.65 5.72 5.80 5.87 5.95 6.02 6.10 6.17 6.24 6.32 6.39 6.75 7.10	[318.7]  1.6149  1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744 1.6803 1.6918 1.6918 1.7030 1.7030 1.7030 1.7139 1.7139	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5 1255.6 1265.7 1265.7 1275.8 1275.8 1275.8
320 330 340 350 360 370 380 390 410 420 430 440 460 470 480 490 550 600 650	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 5.93 6.01 6.24 6.39 6.47 6.54 6.62 6.99 7.36 7.72 8.08	[316.3]  1.6178  1.6204 1.6274 1.6343  1.6410 1.6540 1.6563 1.6726 1.6786 1.6963 1.7016 1.7016 1.7021 1.7126 1.7126 1.7128 1.71280 1.7233 1.7286 1.7539 1.7779 1.8206	1187.6 1193.1 1198.5 1203.9 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1256.0 1266.1 1271.1 1271.1 1281.2 1306.1 1330.9 1355.6 1380.4	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 5.94 6.01 6.09 6.17 6.24 6.32 6.39 6.47 6.54 6.91 7.27 7.63 7.99	[317.1]  1.6168  1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651 1.6772 1.6831 1.6889 1.7052 1.7052 1.7765 1.7120 1.7222 1.7525 1.7765 1.7994 1.8213	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1230.2 1235.4 1240.5 1245.6 1250.7 1255.8 1260.9 1266.0 1271.0 1271.0 1281.1 1306.0 1330.8 1355.6 1380.4	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 5.87 6.02 6.09 6.17 6.24 6.32 6.39 6.46 6.83 7.19 7.54 7.89	[317.9]  1.6159  1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637 1.6688 1.6758 1.6817 1.6988 1.7044 1.7099 1.7153 1.7206 1.7258 1.7512 1.7981 1.8200	1187.1 1192.6 1198.1 1203.5 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.6 1255.7 1260.8 1275.9 1270.9 1275.9 1281.0 1305.9 1330.7 1355.5 1380.3	5.02 5.10 5.18 5.26 5.34 5.45 5.57 5.65 5.72 5.80 6.17 6.24 6.32 6.39 6.75 7.10 7.45 7.80	[318.7]  1.6149 1.6229 1.6229 1.6496 1.6432 1.6496 1.6560 1.6622 1.6684 1.6744 1.6803 1.6861 1.6975 1.7030 1.7030 1.7139 1.7192 1.7245 1.7499 1.7739 1.7968 1.8187	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1245.2 1245.4 1250.5 1265.7 1265.7 1270.8 1275.8 1280.9 1305.8 1330.7 1355.5 1380.3
320 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480 490 550 600 650 700	5.21 5.29 5.37 5.46 5.54 5.62 5.70 5.78 5.85 6.01 6.09 6.16 6.24 6.32 6.39 6.47 6.54 6.54 6.54 6.54 6.70 6.70 6.70	[316.3]  1.6178  1.6204 1.6274 1.6343  1.6410 1.6476 1.6549 1.6603 1.6665  1.7076 1.7072 1.7126 1.7128 1.7286 1.7286 1.7539 1.7779 1.8007	1187.6 1193.1 1198.5 1203.9 1229.3 1214.6 1219.9 1225.1 1230.3 1235.5 1240.7 1245.8 1250.9 1261.0 1261.0 1271.1 1271.1 1271.1 1281.2 1306.1	5.14 5.23 5.31 5.39 5.47 5.55 5.63 5.71 5.78 5.86 6.09 6.17 6.24 6.32 6.47 6.54 6.91 7.27 7.63	[317.1]  1.6168  1.6189 1.6259 1.6328 1.6395 1.6461 1.6525 1.6589 1.6651  1.6712 1.6831 1.6889 1.7058 1.7126 1.7126 1.7120 1.7220 1.7272 1.7555 1.7765	1187.4 1192.9 1198.3 1203.7 1209.1 1214.4 1219.7 1225.0 1235.4 1240.5 1245.6 1250.7 1255.8 1260.9 1271.0 1271.0 1276.0 1281.1 1306.0 1330.8 1355.6 1380.4	5.08 5.16 5.24 5.32 5.40 5.48 5.56 5.64 5.72 5.79 6.02 6.09 6.17 6.24 6.32 6.39 6.46 6.83 7.19 7.54	[317.9]  1.6159  1.6174 1.6244 1.6313 1.6380 1.6446 1.6510 1.6574 1.6637 1.6698 1.6758 1.6817 1.6932 1.7944 1.7099 1.7153 1.7206 1.7258 1.7512 1.7752 1.7752	1187.1 1192.6 1198.1 1203.5 1228.9 1214.2 1219.5 1224.8 1230.0 1235.2 1240.4 1245.5 1250.6 1255.7 1260.8 1265.9 1270.9 1270.9 1281.0 1305.9 1305.9 1330.7 1335.5	5.02 5.10 5.18 5.26 5.342 5.50 5.57 5.65 5.72 5.80 5.87 5.95 6.02 6.10 6.17 6.39 6.75 7.10 7.45	[318.7]  1.6149  1.6159 1.6229 1.6298 1.6366 1.6432 1.6496 1.6560 1.6622  1.6684 1.6744 1.6803 1.6861 1.7030 1.7085 1.7030 1.7085 1.7192 1.7245 1.7459 1.7739 1.7739 1.7739	1186.9 1192.4 1197.9 1203.3 1208.7 1214.0 1219.3 1224.6 1229.8 1235.0 1240.2 1245.4 1250.5 1255.6 1260.7 1275.8 1275.8 1275.8

	Pres-	T.F.	89			90			91			92	31
	sure		[319.5]			[320.3]			[321.0]			[321.8]	
	Temp ° F.		S	i	v	S	i		8	i		S	i
	Sat.	4.96	1.6140	1186.3	4.91	1.6131	1186.5	4.85	1.6122	1186.7	4.81	1.6113	1186.9
	330	5.04	1.6214	1192.2	4.98	1.6200	1191.9	4.93	1.6185	1191.7	4.87	1.6171	1191.5
	340	5.12	1.6283	1197.7	5.06	1.6269	1197.5	5.00	1.6254	1197.2	4.94	1.6240	1197.0
	<b>350</b>	5.20	1.6351	1203.1	5.14	1.6337	1202.9	5.08	1.6322	1202.7	5.02	1.6308	1202.5
-	370	5.36	1.6482	1213.8	5.29	1.6468	1213.7	5.23	1.6454	1213.5	5.17	1.6440	1213.3
	380	5.43 5.51	1.6546	1219.1	5.37 5.45	1.6532	1219.0	5.31 5.38	1.6518	1218.8	5.25 5.32	1.6504	1218.6
	400		1.6670			1.6656		5.46	1.6642	1229.3		1.6628	
	410	5.58	1.6730	1229.7	5·5 <sup>2</sup> 5·59	1.6716	1229.5	5.40	1.6703	1234.6	5.40 5.47	1.6689	1229.2
	420	5.73	1.6789	1240.1	5.67	1.6775	1239.9	5.60	1.6762	1239.8	5.54	1.6748	1239.6
	430	5.81	1.6847	1245.2	5.74	1.6834	1245.1	5.67	1.6820	1244.9	5.61	1.6807	1244.8
	440	5.88	1.6904	1250.3	5.81	1.6891	1250.2	5.75	1.6878	1250.1	5.68	1.6864	1249.9
	450	5.95	1.6961	1255.4	5.89	1.6948	1255.3	5.82	1.6934	1255.2	5.75	1.6921	1255.1
	460	6.03	1.7017	1260.5	5.96	1.7003	1265.5	5.89	1.6990	1260.3	5.83	1.6977	1260.2
	480	6.17	1.7126	1270.7	6.10	1.7113	1270.6	6.03	1.7099	1270.4	5.97	1.7086	1270.3
	490	6.24	1.7179	1275.7	6.17	1.7166	1275.6	6.10	1.7153	1275.5	6.04	1.7140	1275.4
	500	6.32	1.7232	1280.7	6.24	1.7218	1280.6	6.17	1.7205	1280.5	6.11	1.7192	1280.4
	550	6.67	1.7486	1305.7	6.60	1.7472	1305.7	6.52	1.7459	1305.6	6.45	1.7447	1305.5
	600	7.02	1.7726	1330.6	6.95	1.7713	1330.5	6.87	1.7700	1330.5	6.79	1.7688	1330.4
	700	7·37 7·72	1.7955	1355.4	7.29 7.63	1.7942	1355.4	7.21 7.55	1.7930	1355.3	7.13 7.46	1.7917	1355.3
	750	8.06	1.8384	1405.2	7.97	1.8372	1405.1	7.88	1.8359	1405.1	7.79	1.8347	1405.1
	800	8.40	1.8587	1430.3	8.31	1.8575	1430.2	8.21	1.8562	1430.2	8.12	1.8550	1430.2
	850	8.74	1.8784	1455.5	8.64								
				1433.3	0.04	1.8771	1455.4	8.55	1.8759	1455.4	8.45	1.8447	1455.4
			93	1433.3	0.04	94	1455.4	0.55	95	1455.4	0.45	96	1455.4
			93 [322.6]			94 [323.3]			95 [324.1]			<b>96</b> [324.8]	
	Sat.	4.76	93 [322.6]	1187.1	4.71	94 [323.3] 1.6096	1187.3	4.66	95 [324.1] 1.6087	1187.5	4.62	96 [324.8]	1187.7
	Sat. 330	4.76	93 [322.6] 1.6105 1.6156	1187.1	4.71	94 [323.3] 1.6096 1.6142	1187.3	4.66	95 [324.1] 1.6087 1.6128	1187.5	4.62	96 [324.8] 1.6079 1.6114	1187.7
	Sat. 330 340	4.76 4.81 4.89	93 [322.6] 1.6105 1.6156 1.6226	1187.1 1191.2 1196.8	4.71 4.76 4.83	94 [323.3] 1.6096 1.6142 1.6212	1187.3 1191.0 1196.5	4.66 4.71 4.78	95 [324.1] 1.6087 1.6128 1.6198	1187.5 1190.8 1196.3	4.62 4.65 4.73	96 [324.8] 1.6079 1.6114 1.6184	1187.7 1190.5 1196.1
	Sat. 330 340 350	4.76 4.81 4.89 4.97	93 [322.6] 1.6105 1.6156 1.6226 1.6294	1187.1 1191.2 1196.8 1202.3	4.71 4.76 4.83 4.91	94 [323.3] 1.6096 1.6142 1.6212 1.6280	1187.3 1191.0 1196.5	4.66 4.71 4.78 4.86	95 [324.1] 1.6087 1.6128 1.6198	1187.5 1190.8 1196.3 1201.8	4.62 4.65 4.73 4.80	96 [324.8] 1.6079 1.6114 1.6184 1.6253	1187.7 1190.5 1196.1 1201.6
	Sat.  330 340  350 360	4.76 4.81 4.89 4.97 5.04	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361	1187.1 1191.2 1196.8 1202.3 1207.7	4.71 4.76 4.83 4.91 4.99	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347	1187.3 1191.0 1196.5 1202.0 1207.5	4.66 4.71 4.78 4.86 4.93	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334	1187.5 1190.8 1196.3 1201.8 1207.3	4.62 4.65 4.73 4.80 4.88	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320	1187.7 1190.5 1196.1 1201.6 1207.1
	Sat. 330 340 350	4.76 4.81 4.89 4.97	93 [322.6] 1.6105 1.6156 1.6226 1.6226 1.6361 1.6426 1.6490	1187.1 1191.2 1196.8 1202.3	4.71 4.76 4.83 4.91	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3	4.66 4.71 4.78 4.86	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1	4.62 4.65 4.73 4.80	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6386 1.6450	1187.7 1190.5 1196.1 1201.6
	Sat.  330 340  350 360 370	4.76 4.81 4.89 4.97 5.04 5.12	93 [322.6] 1.6105 1.6156 1.6226 1.6226 1.6361 1.6426	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1	4.71 4.76 4.83 4.91 4.99 5.06	94 [323-3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9	4.66 4.71 4.78 4.86 4.93 5.00	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7	4.62 4.65 4.73 4.80 4.88 4.95	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6386	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5
	Sat.  330 340  350 360 370 380	4.76 4.81 4.89 4.97 5.04 5.12 5.19	93 [322.6] 1.6156 1.6256 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4	4.71 4.76 4.83 4.91 4.99 5.06 5.13	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6601	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3	4.66 4.71 4.78 4.86 4.93 5.00 5.08	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1	4.62 4.65 4.73 4.80 4.88 4.95 5.02	96 [3248] 1.6079 1.6114 1.6253 1.6320 1.6386 1.6450 1.6513	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9
	Sat.  330 340  350 360 370 380 390  400 410	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6601	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6339 1.6463 1.6526	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6386 1.6450 1.6513	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8
	\$at.  330 340  350 360 370 380 390  400 410 420	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6615 1.6676 1.6735	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6417 1.6540 1.6601 1.6662 1.6722	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29 5.36	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526	1187.5 1190.8 1196.3 1201.8 1212.7 1218.1 1223.4 1228.7 1233.9 1239.1	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6326 1.6386 1.6450 1.6575 1.6636 1.6696	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0
	Sat.  330 340  350 360 370 380 390  400 410	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6601	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6339 1.6463 1.6526	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6386 1.6450 1.6513	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8
	Sat.  330 340  350 360 370 380 390  400 410 420 430 440	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6676 1.6735 1.6794 1.6851	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1244.6 1249.8	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56	94 [323.3] 1.6096 1.6142 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29 5.36 5.43 5.50	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6339 1.6463 1.6526 1.6588 1.6649 1.6709 1.6768 1.6825	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1239.1 1244.3 1249.5	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6386 1.6450 1.6573 1.6575 1.6636 1.6755 1.6812	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1249.4
	Sat.  330 340  350 360 370 380 390  400 410 420 430 440  450	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6615 1.6676 1.6735 1.6794 1.6851	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1244.6 1249.8	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56	94 [323.3] 1.6096 1.6142 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838 1.6895	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29 5.36 5.43 5.50 5.57	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526 1.6588 1.6649 1.6709 1.6768 1.6825	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1239.1 1244.3 1249.5	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6386 1.6450 1.6575 1.6636 1.6696 1.6755 1.6812	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1249.4
	Sat.  330 340  350 360 370 380 390  400 410 420 430 440	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6676 1.6735 1.6794 1.6851	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1244.6 1249.8	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56	94 [323.3] 1.6096 1.6142 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29 5.36 5.43 5.50	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526 1.6588 1.6649 1.6709 1.6768 1.6825	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1239.1 1244.3 1249.5	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6386 1.6450 1.6573 1.6575 1.6636 1.6755 1.6812	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1249.4
	\$\overline{\Sat.}\$ 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62 5.69 5.76 5.83 5.90	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6676 1.6735 1.66794 1.6851 1.6908 1.6908 1.7019 1.7073	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1249.8 1254.9 1260.0 1265.1 1270.2	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.42 5.56 5.63 5.77 5.84	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838 1.6895 1.7006 1.7006	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7 1254.8 1259.9 1265.0 1270.1	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29 5.36 5.43 5.50 5.57 5.67 5.77	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526 1.6588 1.6649 1.6709 1.6768 1.6825 1.6882 1.6938 1.6938 1.6938 1.7048	1187.5 1190.8 1196.3 1207.8 1207.8 1212.7 1218.1 1223.4 1228.7 1233.9 1244.3 1249.5 1254.7 1259.8 1264.9 1270.0	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6386 1.6450 1.6513 1.6575 1.6636 1.6696 1.6755 1.6869 1.68812 1.6869 1.6926 1.6981 1.7035	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1254.5 1259.7 1264.8 1269.9
	\$\overline{\Sat.}\$ 330 340 \$\overline{350}\$ 360 380 390 \$\overline{400}\$ 410 420 430 440 450 460 470 480 490	4.76 4.81 4.89 4.97 5.04 5.12 5.26 5.34 5.41 5.48 5.55 5.62 5.69 5.76 5.83	93 [322.6] 1.6105 1.6156 1.6226 1.6226 1.6294 1.6361 1.6426 1.6553 1.6615 1.6735 1.6794 1.6851	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1213.4 1223.7 1229.0 1234.3 1239.5 1244.6 1249.8	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56 5.63 5.70 5.77	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838 1.6895 1.6951 1.7006	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1212.3 1228.8 1234.1 1239.3 1244.5 1249.7	4.66 4.71 4.78 4.86 4.93 5.08 5.15 5.22 5.29 5.36 5.43 5.50 5.57 5.64 5.71	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6493 1.6463 1.6526 1.6588 1.6649 1.6709 1.6709 1.6708 1.6825 1.6882 1.6938 1.6938 1.6993	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1244.3 1249.5 1254.7 1259.8 1264.9	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71 5.78	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6350 1.6450 1.6575 1.6636 1.6696 1.6755 1.6812 1.6869 1.6926 1.6981	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1249.4 1254.5 1259.7 1264.8
	\$\square\$ 350 350 360 370 380 390 400 410 420 430 440 450 450 450 500	4.76 4.81 4.89 4.97 5.04 5.19 5.26 5.34 5.41 5.48 5.55 5.62 5.69 5.76 5.83 5.90 5.97 6.04	93 [322.6] 1.6105 1.6156 1.6294 1.6326 1.6490 1.6553 1.6676 1.6735 1.6794 1.6851 1.6908 1.6908 1.7019 1.7073 1.7127	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1244.6 1249.8 1254.9 1260.0 1265.1 1270.2 1275.3 1280.3	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56 5.77 5.84 5.91	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6343 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838 1.6895 1.7006 1.7006 1.7114 1.7167	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1212.9 1212.9 1212.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7 1254.8 1259.9 1265.0 1270.1 1275.2	4.66 4.71 4.78 4.86 4.93 5.08 5.15 5.22 5.29 5.36 5.43 5.50 5.57 5.64 5.71 5.77 5.84 5.91	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526 1.6588 1.6649 1.6709 1.6768 1.6825 1.6882 1.6938 1.6993 1.7048 1.7101	1187.5 1190.8 1196.3 1201.8 1201.8 1212.7 1218.1 1223.4 1228.7 1233.9 1244.3 1244.3 1259.8 1264.9 1270.0 1275.1	4.62 4.65 4.73 4.80 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71 5.78	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6326 1.6386 1.6450 1.6575 1.6666 1.6755 1.6869 1.6926 1.6981 1.7035 1.7089	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1249.4 1254.5 1259.7 1264.8 1269.9 1275.0 1280.0
	\$\square\$ 330 340 350 360 370 380 390 410 420 440 450 460 470 480 490 550	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62 5.69 5.76 5.83 5.90 5.97 6.04 6.38	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6676 1.6735 1.66794 1.6851 1.6908 1.7019 1.7073 1.7127	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1249.8 1254.9 1260.0 1270.2 1275.3 1280.3 1305.4	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56 5.77 5.84 5.91	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6782 1.6895 1.6895 1.7006 1.7006 1.7114 1.7167 1.7147	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7 1254.8 1259.9 1265.0 1270.1 1275.2 1280.2 1305.3	4.66  4.71 4.78  4.86 4.93 5.00 5.08 5.15  5.22 5.29 5.36 5.43 5.50  5.57 5.67 5.77 5.84	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526 1.6588 1.6649 1.6768 1.6825 1.6882 1.6938 1.6938 1.7048 1.7101	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1249.5 1254.7 1259.8 1270.0 1275.1 1280.1 1305.2	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71 5.78	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6386 1.6450 1.6573 1.6675 1.6696 1.6755 1.6812 1.6869 1.6926 1.6981 1.7035 1.7089	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1254.5 1259.7 1264.8 1269.9 1275.0 1280.0 1305.1
	\$\square\$ 330 340 \$\square\$ 350 360 370 380 390 \$\square\$ 400 410 420 430 440 \$\square\$ 450 460 470 480 490 \$\square\$ 550 600	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62 5.69 5.76 5.83 5.90 5.97 6.04 6.38 6.72	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6676 1.6735 1.6794 1.6851 1.6908 1.7019 1.7019 1.7013 1.7127	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1244.6 1249.8 1254.9 1260.0 1265.1 1270.2 1275.3 1280.3 1395.4 1330.3	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56 5.63 5.70 5.77 5.84 5.91 5.91 6.65	94 [323.3] 1.6096 1.6142 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838 1.6895 1.7006 1.7006 1.7144 1.7167 1.7422 1.7663	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7 1254.8 1259.9 1265.0 1270.1 1275.2	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.29 5.36 5.43 5.50 5.57 5.64 5.77 5.84 5.91 6.25 6.58	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6339 1.6463 1.6526 1.6588 1.6649 1.6709 1.6768 1.6882 1.6938 1.6938 1.7048 1.7101 1.7154 1.7409 1.7651	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1239.1 1244.3 1249.5 1254.7 1259.8 1264.9 1270.0 1275.1	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71 5.78 5.85 6.18 6.51	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6386 1.6450 1.6573 1.6636 1.6755 1.6812 1.6869 1.6926 1.6926 1.7035 1.7039 1.7142 1.7397 1.7639	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1249.4 1254.5 1259.7 1264.8 1269.9 1275.0 1280.0 1305.1 1330.1
	\$\square\$ 330 340 350 360 370 380 390 410 420 440 450 460 470 480 490 550	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62 5.69 5.76 5.83 5.90 5.97 6.04 6.38	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6676 1.6735 1.66794 1.6851 1.6908 1.7019 1.7073 1.7127	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1249.8 1254.9 1260.0 1270.2 1275.3 1280.3 1305.4	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56 5.77 5.84 5.91	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6782 1.6895 1.6895 1.7006 1.7006 1.7114 1.7167 1.7147	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7 1254.8 1259.9 1265.0 1270.1 1275.2 1280.2 1305.3	4.66  4.71 4.78  4.86 4.93 5.00 5.08 5.15  5.22 5.29 5.36 5.43 5.50  5.57 5.67 5.77 5.84	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526 1.6588 1.6649 1.6768 1.6825 1.6882 1.6938 1.6938 1.7048 1.7101	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1249.5 1254.7 1259.8 1270.0 1275.1 1280.1 1305.2	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71 5.78	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6386 1.6450 1.6573 1.6675 1.6696 1.6755 1.6812 1.6869 1.6926 1.6981 1.7035 1.7089	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1254.5 1259.7 1264.8 1269.9 1275.0 1280.0 1305.1
	\$\square\$ 330 340 350 360 370 380 390 410 420 430 440 450 460 470 480 650 700 6550 650 700	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.41 5.48 5.55 5.62 5.69 5.76 5.83 5.90 5.97 6.04 6.38 6.72 7.05 7.38	93 [322.6] 1.6105 1.6156 1.6226 1.6226 1.6236 1.6426 1.6426 1.6490 1.6553 1.6676 1.6735 1.6794 1.6851 1.7073 1.7073 1.7127	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1244.6 1244.6 1254.9 1260.0 1265.1 1270.2 1275.3 1280.3 1305.4 1330.3 1355.2 1380.1	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56 5.63 5.77 5.84 5.91 5.91 6.65 6.98 7.30	94 [323.3] 1.6096 1.6142 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838 1.6895 1.7060 1.7060 1.7144 1.7167 1.7422 1.7663 1.7893 1.8112	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7 1254.8 1259.9 1270.1 1275.2 1280.2 1305.3 1330.2 1355.1 1380.0	4.66  4.71 4.78  4.86 4.93 5.00 5.08 5.15  5.22 5.29 5.36 5.43 5.50  5.57 5.67 5.77 5.84  5.91 6.25 6.58 6.90 7.22	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6339 1.6463 1.6526 1.6588 1.6649 1.6768 1.6825 1.6882 1.6993 1.7048 1.7101 1.7154 1.7409 1.7651 1.7881 1.8100	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1239.1 1244.3 1249.5 1254.7 1259.8 1270.0 1275.1 1305.2 1330.2 1330.2 1330.2	4.62 4.65 4.73 4.80 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71 5.78 5.85 6.18 6.51 6.83 7.15	96 [324.8] 1.6079 1.6114 1.6253 1.6386 1.6386 1.6450 1.6573 1.6696 1.6755 1.6812 1.6869 1.6981 1.7035 1.7089 1.7142 1.7397 1.7639 1.7142 1.7397 1.7639 1.7869	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1254.5 1259.7 1264.8 1269.9 1275.0 1280.0 1305.1 1330.1 1335.0 1379.9
	\$\square\$ 330 340 \$\square\$ 350 360 370 380 390 \$\square\$ 400 410 420 430 440 \$\square\$ 450 460 470 \$\square\$ 500 \$\square\$ 500 \$\square\$ 550 \$\square\$ 650 \$\square\$ 650	4.76 4.81 4.89 4.97 5.04 5.12 5.19 5.26 5.34 5.48 5.55 5.62 5.69 5.76 5.83 5.97 6.04 6.38 6.72 7.05	93 [322.6] 1.6105 1.6156 1.6226 1.6294 1.6361 1.6426 1.6490 1.6553 1.6676 1.6735 1.6794 1.6851 1.6908 1.6964 1.7019 1.7019 1.7127 1.7180 1.7434 1.7675 1.7905	1187.1 1191.2 1196.8 1202.3 1207.7 1213.1 1218.4 1223.7 1229.0 1234.3 1239.5 1244.6 1254.9 1260.0 1265.1 1270.2 1275.3 1280.3 1305.4 1330.3 1335.5	4.71 4.76 4.83 4.91 4.99 5.06 5.13 5.21 5.28 5.35 5.42 5.49 5.56 5.77 5.84 5.91 5.97 6.31 6.65 6.98	94 [323.3] 1.6096 1.6142 1.6212 1.6280 1.6347 1.6413 1.6477 1.6540 1.6662 1.6722 1.6781 1.6838 1.6895 1.7060 1.7060 1.7167 1.7142 1.7167 1.7422 1.7663 1.7893	1187.3 1191.0 1196.5 1202.0 1207.5 1212.9 1218.3 1223.6 1228.8 1234.1 1239.3 1244.5 1249.7 1254.8 1259.9 1265.0 1270.1 1275.2 1280.2 1305.3 1330.2 1355.1	4.66 4.71 4.78 4.86 4.93 5.00 5.08 5.15 5.22 5.36 5.43 5.50 5.57 5.64 5.77 5.77 5.84 5.91 6.25 6.58 6.90	95 [324.1] 1.6087 1.6128 1.6198 1.6266 1.6334 1.6399 1.6463 1.6526 1.6588 1.6649 1.6709 1.6768 1.6825 1.6882 1.6938 1.7048 1.7104 1.7154 1.7409 1.7651 1.7881	1187.5 1190.8 1196.3 1201.8 1207.3 1212.7 1218.1 1223.4 1228.7 1233.9 1239.1 1244.3 1254.7 1259.8 1264.9 1270.0 1275.1 1280.1 1305.2 1305.2 1330.2 1335.1	4.62 4.65 4.73 4.80 4.88 4.95 5.02 5.09 5.16 5.23 5.30 5.37 5.44 5.51 5.58 5.65 5.71 5.78 5.85 6.18 6.51 6.83	96 [324.8] 1.6079 1.6114 1.6184 1.6253 1.6320 1.6386 1.6450 1.6575 1.6636 1.6755 1.6812 1.6869 1.7035 1.7089 1.7142 1.7397 1.7639 1.7142 1.7397 1.7639 1.7869	1187.7 1190.5 1196.1 1201.6 1207.1 1212.5 1217.9 1223.2 1228.5 1233.8 1239.0 1244.2 1249.4 1254.5 1259.7 1264.8 1269.9 1275.0 1280.0 1330.1 1355.0

12.0

Property	30												
Sat.   4.57   1.6070   1187.8   4.53   1.6062   1188.0   4.44   1.6053   1188.4   4.44   1.6045   1188.4   340   4.68   1.6171   1195.9   4.67   1.6171   1195.9   4.67   1.6171   1.69   1.6171							Bh <sub>3</sub>						
340   4.68   1.6170   1190.3   4.55   1.6086   1190.1   4.50   1.6073   1189.8   4.46   1.6059   1189.5   360   4.68   1.6171   1195.9   4.68   1.6171   1195.7   4.58   1.6144   1195.4   4.58   1.6144   1195.4   4.58   1.6143   1195.2   370   4.90   1.6372   1212.3   4.84   1.6359   1212.1   4.79   1.6280   1205.5   4.67   1.6287   1205.3   370   4.90   1.6372   1212.3   4.84   1.6359   1212.1   4.79   1.6380   1205.5   4.67   1.6287   1205.3   380   4.97   1.6337   1217.7   4.91   1.6444   1217.5   4.88   1.6411   1217.3   4.81   1.6393   1211.7   4.91   1.6444   1217.5   4.88   1.6411   1217.3   4.81   1.6393   1211.7   4.91   1.6444   1217.5   4.88   1.6411   1217.3   4.81   1.6393   1211.7   4.91   1.6444   1217.5   4.88   1.6411   1217.3   4.81   1.6393   1211.7   4.91   1.6444   1217.5   4.88   1.6411   1217.3   4.81   1.6393   1211.7   4.91   1.6444   1217.5   4.88   1.6411   1.6292   4.78   1.6292   4.93   1.6474   1222.7   4.88   1.6411   1.6292   4.78   4.93   4.93   1.6474   1222.7   4.88   1.6411   1.6292   4.78   4.93   4.93   1.6474   1222.7   4.88   1.6411   1.6292   4.78	Temp	V	s	i	v	S	i	v	S	i	v	s	i
350	Sat.	4.57	1.6070	1187.8	4.53	1.6062	1188.0	4.48	1.6053	1188.2	4.44	1.6045	1188.4
1,000   1,00			1 -										
370   390   3,97   1,6437   121-23   4.84   1.6359   121-15   4.76   1.6363   1211-15   4.74   1.6523   1211-15   390   5.04   1.6500   1223.0   4.98   1.6447   1212-75   4.86   1.6461   1217-3   4.81   1.6938   1217-15   4.96   1.6467   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6461   1222-75   4.88   1.6463   1233-75   4.40   5.24   1.6653   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1233-75   5.07   1.6598   1.6598   1233-75   5.07   1.6598   1.6598   1.6598   1.259													
1.690	370	4.90	1.6372	1212.3	4.84	1.6359	1212.1	4.79	1.6346	1211.9	4.74	1.6333	1211.7
440 5.48 1.66623 1233.6 5.12 1.6676 1233.5 5.07 1.6598 1233.3 5.02 1.6585 1233.4 1.69 1.6668 1234.5 5.08 1.6568 1.6767 1249.0 5.22 1.6767 1243.8 40 5.38 1.6858 1.259.5 5.46 1.6906 1239.4 5.40 1.6888 1259.3 5.35 1.6876 1254.4 5.39 1.6968 1264.5 5.47 1.6944 1264.4 5.41 1.6932 1264.3 490 5.72 1.7077 1274.8 5.65 1.7061 1274.7 5.60 1.7052 1274.6 5.54 1.6968 1269.4 5.50 1.7052 1274.6 5.54 1.6968 1269.4 5.50 1.7052 1274.6 5.54 1.6968 1269.4 5.50 1.7052 1274.6 5.54 1.7040 1274.5 5.00 1.1 1.7385 1305.1 6.05 1.7051 1330.5 5.99 1.7361 1304.9 5.93 1.7349 1304.8 5.05 5.05 1.7857 13355.0 6.05 1.7854 1355.0 6.													
430   5.34   1.6683   1238.8   5.10   1.6670   1238.7   5.14   1.6678   1238.5   5.08   1.6645   1238.4     430   5.38   1.6800   1244.0   5.26   1.6792   1243.9   5.20   1.6775   1249.0   5.22   1.6762   1248.8     440   5.38   1.6800   1249.2   5.33   1.6787   1249.1   5.27   1.6775   1249.0   5.22   1.6762   1248.8     450   5.45   1.6857   1254.4   5.39   1.6844   1254.3   5.34   1.6881   1239.3   5.35   1.6764   1248.8     460   5.45   1.6918   1259.5   5.46   1.6900   1299.4   5.40   1.6888   1239.3   5.35   1.6876   1.6846   1.6924   1.6								-	1.6536				
400   5.31   1.6742   1.244.0   5.36   1.6729   1.243.9   5.20   1.6717   1.243.8   5.15   1.6704   1.243.8     440   5.38   1.6880   1.249.2   5.33   1.6787   1.249.1   5.27   1.6775   1.249.0   5.22   1.6766   1.248.8     450   5.45   1.6887   1.254.4   5.39   1.6841   1.254.3   5.34   1.6882   1.254.1   5.28   1.6820   1.254.4     450   5.52   1.6913   1.259.5   5.46   1.6900   1.839.4   5.40   1.6888   1.253.3   5.35   1.6876   1.254.4     480   5.05   1.7023   1.269.7   5.59   1.7011   1.269.6   5.54   1.6994   1.269.5   5.46   1.6934   1.264.3     490   5.72   1.7077   1.244.8   5.66   1.7064   1.274.7   5.60   1.7052   1.274.6   5.54   1.6934   1.264.3     490   5.72   1.7077   1.244.8   5.66   1.7064   1.274.7   5.60   1.7052   1.274.6   5.54   1.6934   1.264.3     500   6.44   1.7627   1.330.0   6.37   1.7615   1.330.0   6.31   1.7603   1.229.9   6.24   1.7592   1.329.8     500   6.44   1.7627   1.330.0   6.37   1.7615   1.330.0   6.31   1.7603   1.299.9   6.24   1.7592   1.329.8     500   7.08   1.8806   1.379.9   7.00   1.8805   1.379.8   6.93   1.8053   1.379.8   6.86   1.8042   1.379.7     750   7.39   1.8287   1404.9   7.31   1.8276   1404.8   7.24   1.8264   1404.8   7.17   1.8253   1.404.9   8.00   1.8053   1.8058   1.455.1   1.6934   1.404.9   7.31   1.8276   1404.8   7.24   1.8264   1404.8   7.17   1.8253   1.404.9   8.00   1.8053   1.8068   1.8042   1.399.8   8.02   1.8687   1455.2   7.93   1.8676   1455.2   7.85   1.8665   1.455.2   7.77   1.8653   1.455.1   1.6934   1		_			-								
460   5.45   1.6857   1254.4   5.39   1.6844   1254.3   5.34   1.6832   1254.1   5.28   1.6820   1254.0     450   5.52   1.6613   1259.5   5.46   1.6900   1259.4   5.40   1.6888   1259.3   5.35   1.6876   1259.2     470   5.59   1.6968   1264.6   5.53   1.6956   1264.5   5.47   1.6944   1264.4   1.694.8   1264.3     480   5.65   1.7023   1269.7   5.59   1.7011   1269.6   5.54   1.6998   1269.5   5.48   1.6936   1264.3     490   5.72   1.7077   1274.8   5.66   1.7064   1274.7   5.60   1.7052   1274.6   5.54   1.7090   1274.5     500   5.78   1.7130   1279.9   5.72   1.7117   1279.8   5.67   1.7105   1279.7   5.61   1.7093   1.7340   1279.6     550   6.11   1.7385   1305.1   6.05   1.7373   1305.0   5.99   1.7361   1304.9   5.93   1.7349   1304.9     500   6.44   1.7627   1330.0   6.37   1.7615   1330.0   6.31   1.7603   1329.9   6.24   1.7592   1329.8     500   6.44   1.7627   1355.0   6.97   1.7865   1354.9   6.62   1.7833   1354.8   6.55   1.7832   1334.8   6.55     6.50   6.76   1.7857   1355.0   6.97   1.7865   1354.9   6.09   1.8053   1379.8   6.86   1.8042   1379.7     700   7.39   1.8287   1404.9   7.31   1.8276   1404.8   7.24   1.8644   1404.8   7.17   1.8253   1404.7     800   7.70   1.8491   1430.0   7.62   1.8479   1429.9   7.55   1.8468   1429.9   7.47   1.8456   1429.9     800   8.02   1.8687   1455.2   7.93   1.8676   1455.2   7.85   1.8665   1455.2   7.77   1.8653   1455.1      101   328.5   340   34		5.31	1.6742			1.6729			1.6717			1.6704	1243.6
400   5.52   1.6913   1259.5   5.46   1.6900   1259.4   5.40   1.6888   1259.3   5.35   1.6876   1.294.5   1.6932   1264.5   5.35   1.6956   1.264.5   5.34   1.6948   1.264.4   5.45   1.6932   1264.7   5.50   1.7077   1274.8   5.66   1.7064   1274.7   5.60   1.7052   1274.6   5.54   1.6938   1.6968   1.269.4   1.7052   1.7077   1.274.8   5.66   1.7064   1.274.7   5.60   1.7052   1.274.6   5.54   1.7040   1.274.5   5.50   1.17330   1.279.9   5.72   1.7117   1.279.8   5.67   1.7105   1.279.7   5.61   1.7093   1.7993   1.799.9   1.7361   1.304.9   5.93   1.7349   1.304.8   5.06   6.44   1.7627   1.335.0   6.37   1.7615   1.330.0   6.31   1.7603   1.329.9   6.24   1.7592   1.324.8   7.00   7.08   1.8076   1.379.9   7.00   1.8065   1.379.8   6.93   1.8053   1.354.8   6.56   1.8042   1.799.8   1.799.8   1.8079   1.8491   1.430.0   7.62   1.8479   1.429.9   7.55   1.8468   1.429.9   7.47   1.8453   1.454.9   8.50   8.02   1.8687   1.455.2   7.93   1.8675   1.455.2   7.85   1.8665   1.455.2   7.77   1.8653   1.455.1   1.8563   1.455.1   1.8563   1.455.1   1.456.9   1.6048   1.456.9   1.6048   1.456.9   1.6048   1.456.9   1.6048   1.456.9   1.6048   1.456.9   1.6048   1.456.9   1.6048   1.456.9				1249.2	5.33		1249.1	5.27		1249.0	5.22		1248.8
490   5.59   1.6968   1.264.6   5.53   1.6956   1.264.5   5.47   1.6944   1.264.4   5.41   1.6932   1.269.4     490   5.72   1.7077   1274.8   5.66   1.7064   1.274.7   5.60   1.7052   1.274.6   5.54   1.7092   1.274.5     500   5.78   1.7130   1279.9   5.72   1.7117   1279.8   5.67   1.7052   1279.7   5.61   1.7093   1.279.5     500   6.14   1.7385   1.395.1   6.05   1.7373   1.395.0   5.99   1.7361   1.304.9   5.93   1.7349   1.394.8     600   6.44   1.7627   1.330.0   6.37   1.7615   1.330.0   6.31   1.7603   1.7953   1.399.9   6.1736   1.7949   1.7992   1.399.8     600   6.44   1.7627   1.330.0   6.37   1.7615   1.330.0   6.31   1.7603   1.399.9   6.1732   1.394.8     600   7.08   1.8076   1.379.9   7.00   1.8065   1.379.8   6.93   1.8053   1.379.8   6.55   1.7822   1.324.8     700   7.08   1.8287   1404.9   7.31   1.8276   1.404.8   7.24   1.8264   1.404.8   7.17   1.8253   1.404.8     800   7.70   1.8491   1.430.0   7.62   1.8479   1.429.9   7.55   1.8468   1.499.9   7.47   1.8456   1.429.9     800   8.02   1.8687   1.455.2   7.93   1.8676   1.455.2   7.85   1.8665   1.455.2   7.77   1.8653   1.455.1     101   1.328.1   1.6228   1.829.1   1.300.1   1.300.1   1.300.1     340   4.48   1.6117   1195.0   4.43   1.6104   1194.8   4.39   1.6091   1194.5   4.34   1.6078   1194.3     350   4.55   1.6186   1200.6   4.50   1.6173   1.200.3   4.46   1.6160   1.200.1   4.41   1.6147   1.99.9     360   4.62   1.6254   1.206.1   4.57   1.6241   1.205.9   4.53   1.6228   1.220.7   4.48   1.6215   1.205.5   3.70   4.69   1.6385   1.217.0   4.71   1.6373   1.216.8   4.66   1.6366   1.220.1   4.41   1.6147   1.92.9   4.20   4.97   1.6572   1.233.0   4.91   1.6566   1.232.8   4.86   1.6247   1.232.6   4.88   1.6914   1.221.8     400   4.90   1.6511   1.227.7   4.85   1.6499   1.227.5   4.80   1.6668   1.223.0   4.88   1.6912   1.235.5   4.98   1.6692   1.238.8   4.99   1.6668   1.243.0   4.99   1.6592   1.6347   1.238.8   4.99   1.6668   1.243.0   4.99   1.6592   1.6347   1.238.8   4.99   1.6688   1.239.9   1.6889   1.239											-		
480   5.65   1.7023   1260.7   5.59   1.7011   1269.6   5.54   1.6098   1269.5   5.48   1.6098   1274.6   5.572   1.7077   1274.8   5.66   1.7064   1274.7   5.60   1.7052   1274.6   5.54   1.7040   1274.5   5.50   1.7052   1274.6   5.54   1.7040   1274.5   5.50   1.7052   1274.6   5.54   1.7040   1274.5   5.50   1.7052   1274.6   5.54   1.7040   1274.5   5.50   1.7130   1279.9   5.72   1.7117   1279.8   5.67   1.7105   1279.7   5.61   1.7093   1279.6   5.50   6.11   1.7385   1305.0   6.37   1.7615   1330.0   6.31   1.7603   1329.9   6.24   1.7592   1329.8   5.60   6.44   1.7672   1335.0   6.69   1.7845   1354.9   6.52   1.7822   1339.8   6.50   6.76   1.7857   1355.0   6.69   1.7845   1354.9   6.52   1.7833   1354.8   6.55   1.7822   1329.8   6.50   7.70   1.8491   1430.0   7.62   1.8479   1429.9   7.55   1.8665   1455.2   7.77   1.8563   1455.2   7.93   1.8576   1455.2   7.85   1.8665   1455.2   7.77   1.8453   1455.1   1.8563   1455.2   7.793   1.8276   1455.2   7.85   1.8665   1455.2   7.77   1.8653   1455.1   1.8665   1.8042   1.829.9   1.8284   1.8294   1.8													
101			_		5.59								
Sect   1.7385   1305.1   6.05   1.7373   1305.0   6.39   1.7367   1304.9   5.93   1.7349   1304.6   6.06   1.7857   1335.0   6.31   1.7613   1330.0   6.31   1.7603   1329.9   6.24   1.7592   1329.8   6.05   1.7857   1355.0   6.69   1.7845   1354.9   6.62   1.7833   1354.8   6.55   1.7822   1354.8   700   7.08   1.8076   1379.9   7.00   1.8065   1379.8   6.93   1.8053   1379.8   6.86   1.8042   1379.7   760   7.39   1.8287   1404.9   7.31   1.8276   1404.8   7.24   1.8264   1404.8   7.17   1.8253   1404.9   850   8.02   1.8687   1455.2   7.93   1.8676   1455.2   7.85   1.8665   1455.2   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8253   1404.9   7.55   1.8465   1455.2   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   1.8653   1455.1   7.77   7.8653   1455.1   7		5.72	1.7077	1274.8	5.66	1.7064	1274.7	5.60	1.7052	1274.6	5.54	1.7040	1274.5
650         6.44         1.7627         1330.0         6.37         1.7615         1330.0         6.62         1.7845         1335.9         6.62         1.7833         1334.8         6.55         1.7852         1335.48         1.8067         1379.9         6.62         1.7833         1354.8         6.55         1.7822         1335.48         1.8076         1.8076         1.8076         1.8076         1.8076         1.8076         1.8076         1.8076         1.8076         1.8266         1.8491         1430.0         7.62         1.8479         1429.9         7.55         1.8468         1429.9         7.47         1.8456         1429.9           Soc 8.02         1.8687         1455.2         7.93         1.8676         1455.2         7.85         1.8665         1455.2         7.77         1.8653         1435.1           Total (388)         1388.5         102         103         104         104         1188.9         4.28         1.6672         1188.9         4.28         1.6673         1188.5         4.36         1.6028         1188.7         4.32         1.6020         1188.9         4.28         1.6021         1193.0         4.44         1.6028								-					
Total   Tota													
Total   Tota													
101   188.5   1.8687   1.430.0   7.62   1.8479   1.429.9   7.55   1.8468   1.429.9   7.47   1.8456   1.429.9   7.47   1.8455   1.455.1   1.8658   1.455.2   7.93   1.8676   1.455.2   7.85   1.8665   1.455.2   7.77   1.8653   1.455.1					7.00			6.93					
Total   Tota		7.39		1404.9			1404.8	7.24		1404.8	7.17		1404.7
Total   Tota		7.70											
Table	- 1	0.02	1.0007	1455.2	7.93	1.0070	1455.2	7.05	1.8005	1455.2	7.77	1.0053	1455.1
340 4.48 1.6117 1195.0 4.43 1.6104 1194.8 4.39 1.6091 1194.5 4.34 1.6078 1194.3  350 4.55 1.6186 1200.6 4.50 1.6173 1200.3 4.46 1.6160 1200.1 4.41 1.6147 1199.9 360 4.62 1.6254 1206.1 4.57 1.6241 1205.9 4.53 1.6228 1205.7 4.48 1.6215 1205.3 370 4.69 1.6320 1211.6 4.64 1.6308 1211.4 4.60 1.6295 1211.2 4.55 1.6282 1211.0 380 4.76 1.6385 1217.0 4.71 1.6373 1216.8 4.66 1.6360 1216.6 4.62 1.6347 1216.4 390 4.83 1.6448 1222.3 4.78 1.6436 1222.2 4.73 1.6424 1222.0 4.68 1.6411 1221.8  400 4.90 1.6511 1227.7 4.85 1.6499 1227.5 4.80 1.6486 1227.3 4.75 1.6474 1221.8  400 4.90 1.6512 1223.0 4.91 1.6560 1232.8 4.86 1.6547 1232.6 4.82 1.6535 1233.0 4.91 1.6560 1232.8 4.86 1.6547 1232.6 4.82 1.6535 1237.8 4.95 1.6692 1243.5 5.04 1.6680 1243.3 4.99 1.6668 1243.2 4.94 1.6656 1243.3 4.99 1.6668 1243.2 4.94 1.6656 1243.3 4.99 1.6668 1243.2 4.94 1.6656 1243.3 4.99 1.6668 1243.2 4.94 1.6556 1243.0 4.95 1.6750 1248.7 5.11 1.6738 1243.5 5.06 1.6726 1248.4 5.01 1.6714 1248.3 4.90 5.49 1.6902 1264.2 5.30 1.6902 1264.2 5.30 1.6908 1264.0 5.25 1.6840 1258.8 5.14 1.6828 1258.7 4.90 5.49 1.7028 1274.4 5.43 1.7016 1274.3 5.38 1.7055 1274.2 5.32 1.6993 1274.1 5.00 5.87 1.7338 1304.7 5.81 1.7326 1304.6 5.75 1.7355 1.291.5 5.00 1.7560 1.758													
350         4.55         1.6186         1200.6         4.50         1.6173         1200.3         4.46         1.6160         1200.1         4.41         1.6147         1199.9           360         4.62         1.6254         1206.1         4.57         1.6241         1205.9         4.53         1.6228         1205.7         4.48         1.6215         1205.5           370         4.69         1.6320         1211.6         4.64         1.6308         1211.4         4.60         1.6295         1211.2         4.55         1.6282         1211.0           380         4.76         1.6385         1217.0         4.71         1.6373         1216.8         4.66         1.6360         1216.6         4.62         1.6347         1216.4           390         4.83         1.6448         1222.3         4.78         1.6436         1222.2         4.73         1.6424         1222.0         4.68         1.6411         1221.8           400         4.90         1.6511         1227.7         4.85         1.6499         1227.5         4.80         1.6486         1227.3         4.75         1.6474         1227.2           410         4.97         1.6572         1233.0         4.91	Sat.	4.40	1.6037	1188.5	4.36	1.6028	1188.7	4.32	1.6020	1188.9	4.28	1.6012	1189.0
360	340	4.48	1.6117	1195.0	4.43	1.6104	1194.8	4.39	1.6091	1194.5	4.34	1.6078	1194.3
370         4.69         1.6320         1211.6         4.64         1.6308         1211.4         4.60         1.6295         1211.2         4.55         1.6282         1211.0           380         4.76         1.6385         1217.0         4.71         1.6373         1216.8         4.66         1.6360         1216.6         4.62         1.6347         1216.4           390         4.83         1.6448         1222.3         4.78         1.6436         1222.2         4.73         1.6424         1222.0         4.68         1.6411         1221.8           400         4.90         1.6571         1227.7         4.85         1.6499         1227.5         4.80         1.6486         1227.3         4.75         1.6474         1227.2           410         4.97         1.6572         1233.0         4.91         1.6560         1232.8         4.86         1.6568         1227.3         4.75         1.6474         1227.2           420         5.03         1.6633         1233.2         4.98         1.6680         1243.2         4.94         1.6656         1232.8         4.86         1.6578         1237.9         4.88         1.6535         1237.8         1.6266         1243.0         1.67			1.6186	1200.6	4.50	1.6173	1200.3	4.46		1200.1	4.41		1199.9
380         4.76         1.6385         1217.0         4.71         1.6373         1216.8         4.66         1.6360         1216.6         4.62         1.6347         1216.4           390         4.83         1.6448         1222.3         4.78         1.6436         1222.2         4.73         1.6424         1222.0         4.68         1.6411         1221.8           400         4.90         1.6511         1227.7         4.85         1.6499         1227.5         4.80         1.6486         1227.3         4.75         1.6474         1227.2           410         4.97         1.6572         1233.0         4.91         1.6560         1232.8         4.86         1.6547         1232.6         4.82         1.6535         1232.5           420         5.03         1.6633         1238.2         4.98         1.6621         1238.1         4.93         1.6668         1237.9         4.88         1.6596         1232.8           430         5.16         1.6692         1243.5         5.04         1.6680         1243.3         4.99         1.6668         1237.9         4.88         1.6596         1237.8           450         5.23         1.6688         1253.9         5.18													
390       4.83       1.6448       1222.3       4.78       1.6436       1222.2       4.73       1.6424       1222.0       4.68       1.6411       1221.8         400       4.90       1.6511       1227.7       4.85       1.6499       1227.5       4.80       1.6486       1227.3       4.75       1.6474       1227.2         410       4.97       1.6572       1233.0       4.91       1.6560       1232.8       4.86       1.6547       1232.6       4.82       1.6535       1232.5         420       5.03       1.6633       1238.2       4.98       1.6621       1238.1       4.93       1.6668       1237.9       4.88       1.6596       1237.8         430       5.10       1.6692       1243.5       5.04       1.6680       1243.3       4.99       1.6668       1243.2       4.94       1.6656       1243.0         440       5.16       1.6750       1248.7       5.11       1.6738       1248.5       5.06       1.6726       1248.4       5.01       1.6714       1248.3         450       5.23       1.6808       1253.9       5.18       1.6796       1253.7       5.12       1.6784       1253.6       5.07       1.6772 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>													
410													
420         5.03         1.6633         1238.2         4.98         1.6621         1238.1         4.93         1.6608         1237.9         4.88         1.6596         1237.8           430         5.10         1.6692         1243.5         5.04         1.6680         1243.3         4.99         1.6668         1243.2         4.94         1.6656         1243.0           440         5.16         1.6750         1248.7         5.11         1.6738         1248.5         5.06         1.6726         1248.4         5.01         1.6656         1243.0           450         5.23         1.6808         1253.9         5.18         1.6796         1253.7         5.12         1.6784         1253.6         5.07         1.6772         1253.5           460         5.29         1.6864         1259.0         5.24         1.6852         1258.9         5.19         1.6840         1253.6         5.07         1.6772         1253.5           470         5.36         1.6920         1264.2         5.30         1.6968         1264.0         5.25         1.6896         1263.9         5.20         1.6884         1263.9         5.20         1.6884         1263.9         5.20         1.6884         1263.9	400	4.90	1.6511	1227.7	4.85		1227.5	4.80		1227.3	4.75		1227.2
430													
450 5.16 1.6750 1248.7 5.11 1.6738 1248.5 5.06 1.6726 1248.4 5.01 1.6714 1248.3 450 5.23 1.6808 1253.9 5.18 1.6796 1253.7 5.12 1.6784 1253.6 5.07 1.6772 1253.5 460 5.29 1.6864 1259.0 5.24 1.6852 1258.9 5.19 1.6840 1258.8 5.14 1.6828 1258.7 470 5.36 1.6920 1264.2 5.30 1.6908 1264.0 5.25 1.6896 1263.9 5.20 1.6884 1263.8 480 5.42 1.6974 1269.3 5.37 1.6962 1269.2 5.31 1.6951 1269.1 5.26 1.6939 1268.9 490 5.49 1.7028 1274.4 5.43 1.7016 1274.3 5.38 1.7005 1274.2 5.32 1.6993 1274.1 5.00 5.55 1.7081 1279.5 5.50 1.7070 1279.4 5.45 1.7058 1279.3 5.39 1.7046 1279.2 5.50 5.87 1.7338 1304.7 5.81 1.7326 1304.6 5.75 1.7315 1304.5 5.69 1.7303 1304.4 6.06 6.18 1.7580 1329.8 6.12 1.7588 1329.7 6.06 1.7557 1329.6 6.00 1.7546 6.30 1.7576 1354.7 6.36 1.8030 1379.7 6.73 1.8018 1379.6 6.66 1.8007 1379.6 6.60 1.7997 1379.5 800 7.40 1.8241 1404.7 7.03 1.8230 1404.7 6.96 1.8219 1404.6 6.89 1.8208 1404.6 800 7.40 1.8445 1429.8 7.32 1.8433 1429.8 7.25 1.8619 1455.1 7.48 1.8609 1455.0				-									
460 5.29 1.6864 1259.0 5.24 1.6852 1258.9 5.19 1.6840 1258.8 5.14 1.6828 1258.7 470 5.36 1.6920 1264.2 5.30 1.6908 1264.0 5.25 1.6896 1263.9 5.20 1.6884 1263.8 480 5.42 1.6974 1269.3 5.37 1.6962 1269.2 5.31 1.6951 1269.1 5.26 1.6939 1268.9 490 5.49 1.7028 1274.4 5.43 1.7016 1274.3 5.38 1.7005 1274.2 5.32 1.6993 1274.1 5.00 5.55 1.7081 1279.5 5.50 1.7070 1279.4 5.45 1.7058 1279.3 5.39 1.7046 1279.2 5.50 5.87 1.7338 1304.7 5.81 1.7326 1304.6 5.75 1.7315 1304.5 5.69 1.7303 1304.4 600 6.18 1.7580 1329.8 6.12 1.7568 1329.7 6.06 1.7557 1329.6 6.00 1.7546 1329.5 6.00 1.7810 1354.7 6.42 1.7798 1354.7 6.36 1.7078 1354.6 6.30 1.7776 1354.5 700 6.80 1.8030 1379.7 6.73 1.8018 1379.6 6.66 1.8007 1379.6 6.60 1.7997 1379.5 750 7.10 1.8241 1404.7 7.03 1.8230 1404.7 6.96 1.8219 1404.6 6.89 1.8208 1404.6 800 7.40 1.8445 1429.8 7.32 1.8433 1429.8 7.25 1.8619 1455.1 7.48 1.8609 1455.0		5.16		1248.7				5.06			5.01		
460         5.29         1.6864         1259.0         5.24         1.6852         1258.9         5.19         1.6840         1258.8         5.14         1.6828         1258.7           470         5.36         1.6920         1264.2         5.30         1.6968         1264.0         5.25         1.6860         1253.9         5.20         1.6884         1263.8           480         5.42         1.6974         1269.2         5.37         1.6962         1269.2         5.31         1.6951         5.26         1.6939         1268.9           490         5.49         1.7028         1274.4         5.43         1.7016         1274.3         5.38         1.7005         1274.2         5.32         1.6939         1268.9           500         5.55         1.7081         1279.5         5.50         1.7070         1279.4         5.45         1.7058         1279.3         5.39         1.7046         1279.2           550         5.87         1.7338         1304.7         5.81         1.7326         1304.6         5.75         1.7315         1304.5         5.69         1.7333         1304.4           600         6.18         1.7580         1354.7         6.42         1.7768	450	5.23	1.6808	1253.9	5.18	1.6796	1253.7	5.12	1.6784	1253.6	5.07	1.6772	1253.5
480 5.42 1.6974 1269.3 5.37 1.6962 1269.2 5.31 1.6951 1269.1 5.26 1.6939 1268.9 490 5.49 1.7028 1274.4 5.43 1.7016 1274.3 5.38 1.7005 1274.2 5.32 1.6993 1274.1 5.00 5.55 1.7081 1279.5 5.50 1.7070 1279.4 5.45 1.7058 1279.3 5.39 1.7046 1279.2 550 5.87 1.7338 1304.7 5.81 1.7326 1304.6 5.75 1.7315 1304.5 5.69 1.7303 1304.4 600 6.18 1.7580 1329.8 6.12 1.7568 1329.7 6.06 1.7557 1329.6 6.00 1.7546 1329.5 650 6.49 1.7810 1354.7 6.42 1.7798 1354.7 6.36 1.7787 1354.6 6.30 1.7776 1354.5 700 6.80 1.8030 1379.7 6.73 1.8018 1379.6 6.66 1.8007 1379.6 6.60 1.7997 1379.5 750 7.10 1.8241 1404.7 7.03 1.8230 1404.7 6.96 1.8219 1404.6 6.89 1.8208 1404.6 800 7.40 1.8445 1429.8 7.32 1.8433 1429.8 7.25 1.8422 1429.8 7.18 1.8412 1429.7 850 7.70 1.8642 1455.1 7.62 1.8630 1455.1 7.55 1.8619 1455.1 7.48 1.8609 1455.0		5.29		1259.0	5.24	1.6852	1258.9	5.19		1258.8	5.14		1258.7
500         5.49         1.7028         1274.4         5.43         1.7016         1274.3         5.38         1.705         1274.2         5.32         1.6993         1274.1           500         5.55         1.7081         1279.5         5.50         1.7070         1279.4         5.45         1.7058         1279.3         5.39         1.7046         1279.2           550         5.87         1.7338         1304.7         5.81         1.7326         1304.6         5.75         1.7315         1304.5         5.69         1.7303         1304.4           600         6.18         1.7580         1329.8         6.12         1.7568         1329.7         6.06         1.7557         1329.6         6.00         1.7546         1329.5           650         6.49         1.7810         1354.7         6.42         1.7798         1354.7         6.36         1.7787         1354.6         6.30         1.7776         1354.5           700         6.80         1.8030         1379.7         6.73         1.8018         1379.6         6.66         1.8079         1379.6         6.60         1.7997         1379.5           750         7.10         1.8241         1404.7         7.03													
500         5.55         1.7081         1279.5         5.50         1.7070         1279.4         5.45         1.7058         1279.3         5.39         1.7046         1279.2           550         5.87         1.7338         1304.7         5.81         1.7326         1304.6         5.75         1.7315         1304.5         5.69         1.7303         1304.4           600         6.18         1.7580         1329.8         6.12         1.7568         1329.7         6.06         1.7557         1329.6         6.00         1.7546         1329.5           650         6.49         1.7810         1354.7         6.42         1.7798         1354.7         6.36         1.7777         1354.6         6.30         1.7776         1354.5           700         6.80         1.8030         1379.7         6.73         1.8018         1379.6         6.66         1.807         1379.6         6.60         1.7997         1379.5           750         7.10         1.8241         1404.7         7.03         1.8230         1404.7         6.96         1.8219         1404.6         6.89         1.8208         1404.6           800         7.40         1.8445         1429.8         7.32									20				
550         5.87         1.7338         1304.7         5.81         1.7326         1304.6         5.75         1.7315         1304.5         5.69         1.7303         1304.4           600         6.18         1.7580         1329.8         6.12         1.7568         1329.7         6.06         1.7557         1329.6         6.00         1.7546         1329.5           650         6.49         1.7810         1354.7         6.42         1.7798         1354.7         6.36         1.7787         1354.6         6.30         1.7776         1354.5           700         6.80         1.8030         1379.7         6.73         1.8018         1379.6         6.66         1.8007         1379.6         6.60         1.7997         1379.5           750         7.10         1.8241         1404.7         7.03         1.8230         1404.7         6.96         1.8219         1404.6         6.89         1.8208         1404.6           800         7.40         1.8445         1429.8         7.32         1.8433         1429.8         7.25         1.8422         1429.8         7.18         1.8412         1429.7           850         7.70         1.8642         1455.1         7.62			· ·	1 5						THE STATE OF	G No.		
600       6.18       1.7580       1329.8       6.12       1.7568       1329.7       6.06       1.7557       1329.6       6.00       1.7546       1329.5         650       6.49       1.7810       1354.7       6.42       1.7798       1354.7       6.36       1.7787       1354.6       6.30       1.7776       1354.5         700       6.80       1.8030       1379.7       6.73       1.8018       1379.6       6.66       1.8007       1379.6       6.60       1.7997       1379.5         750       7.10       1.8241       1404.7       7.03       1.8230       1404.7       6.96       1.8219       1404.6       6.89       1.8208       1404.6         800       7.40       1.8445       1429.8       7.32       1.8433       1429.8       7.25       1.8422       1429.8       7.18       1.8412       1429.7         850       7.70       1.8642       1455.1       7.62       1.8630       1455.1       7.55       1.8619       1455.1       7.48       1.8609       1455.0	550	5.55			5.50								
650 6.49 1.7810 1354.7 6.42 1.7798 1354.7 6.36 1.7787 1354.6 6.30 1.7776 1354.5 700 6.80 1.8030 1379.7 6.73 1.8018 1379.6 6.66 1.8007 1379.6 6.60 1.7997 1379.5 750 7.10 1.8241 1404.7 7.03 1.8230 1404.7 6.96 1.8219 1404.6 6.89 1.8208 1404.6 800 7.40 1.8445 1429.8 7.32 1.8433 1429.8 7.25 1.8422 1429.8 7.18 1.8412 1429.7 850 7.70 1.8642 1455.1 7.62 1.8630 1455.1 7.55 1.8619 1455.1 7.48 1.8609 1455.0	600	6.18			6.12								
750 7.10 1.8241 1404.7 7.03 1.8230 1404.7 6.96 1.8219 1404.6 6.89 1.8208 1404.6 800 7.40 1.8445 1429.8 7.32 1.8433 1429.8 7.25 1.8422 1429.8 7.18 1.8412 1429.7 850 7.70 1.8642 1455.1 7.62 1.8630 1455.1 7.55 1.8619 1455.1 7.48 1.8609 1455.0			1.7810			1.7798	1354.7		1.7787	1354.6	6.30	1.7776	1354.5
800 7.40 1.8445 1429.8 7.32 1.8433 1429.8 7.25 1.8422 1429.8 7.18 1.8412 1429.7 850 7.70 1.8642 1455.1 7.62 1.8630 1455.1 7.55 1.8619 1455.1 7.48 1.8609 1455.0					6.73		1379.6						
850 7.70   1.8642   1455.1   7.62   1.8630   1455.1   7.55   1.8619   1455.1   7.48   1.8609   1455.0			T 824T	1404.7	7.03	1.8230	1404.7	6.96	1.8219	1404.6	6.89	1.8208	1404.6
											- 0		
	800	7.40	1.8445	1429.8	7.32	1.8433	1429.8	7.25	1.8422			1.8412	1429.7
	800 850	7.40	1.8445	1429.8	7.32 7.62	1.8433	1429.8	7·25 7·55	1.8422	1455.1	7.48	1.8412	1429.7

Pres- sure		105 [331.4]			<b>106</b> [332.0]			<b>107</b> [332.7]			<b>108</b> [333-4]	
Temp ° F.	v	s	i	V	s	i	v	s	i	v	s	i
Sat.	4.24	1.6004	1189.2	4.20	1.5996	1189.4	4.17	1.5989	1189.5	4.13	1.5981	1189.7
340	4.30	1.6065	1194.1	4.26	1.6052	1193.8	4.21	1.6040	1193.6	4.17	1.6027	1193.4
350	4.37	1.6135	1199.7	4.32	1.6122	1199.5	4.28	1.6110	1199.2	4.24	1.6097	1199.0
360	4.44	1.6203	1205.3	4.39	1.6191	1205.1	4.35	1.6178	1204.8	4.31	1.6166	1204.6
370	4.50	1.6270	1210.8	4.46	1.6257	1210.6	4.42	1.6245	1210.4	4.37	1.6233	1210.2
380	4.57 4.64	1.6335	1221.6	4.52 4.59	1.6323	1221.4	4.48 4·55	1.6311	1215.9	4.44	1.6299 1.6363	1215.7
400	4.70	1.6462	1227.0	4.66	1.6450	1226.8	4.61	1.6438	1226.7	4.57	1.6426	1226.5
410	4.77	1.6523	1232.3	4.72	1.6512	1232.2	4.67	1.6500	1232.0	4.63	1.6488	1231.8
420	4.83	1.6584	1237.6	4.79	1.6573	1237.5	4.74	1.6561	1237.3	4.69	1.6549	1237.2
430	4.90	1.6644	1242.9	4.85 4.91	1.6632	1242.7	4.80	1.6620	1242.6	4.76 4.82	1.6609	1242.5
		1.0,02	124011	4.3.		1240.0	4.07	97	1247.0		1.0007	124/./
450	5.02	1.6760	1253.3	4.98	1.6748	1253.2	4.93	1.6737	1253.1	4.88	1.6725	1252.9
460	5.09	1.6817	1258.5	5.04	1.6805	1258.4	4.99	1.6793	1258.3	4.94	1.6782	1258.1
470	5.15	1.6872	1263.7	5.10	1.6861	1263.6	5.05	1.6849	1263.4	5.00	1.6838	1263.3
480	5.21	1.6981	1273.9	5.22	1.6970	1273.8	5.11	1.6959	1273.7	5.12	1.6947	1273.6
			22,3.5				37					
500	5.33	1.7035	1279.0	5.28	1.7024	1278.9	5.23	1.7012	1278.8	5.18	1.7001	1278.7
550 600	5.64	1.7292	1304.4	5.58	1.7281	1304.3	5.53	1.7270	1304.2	5.48	1.7259	1304.1
650	5.94 6.24	1.7535	1329.5	6.18	1.7524	1329.4	5.83	1.7513	1329.3	5.77 6.06	1.7503	1329.3
700	6.53	1.7986	1379.5	6.47	1.7976	1379.4	6.41	1.7965	1379.4	6.35	1.7954	1379.3
750	6.82	1.8197	1404.5	6.76	1.8187	1404.5	6.70	1.8176	1404.5	6.63	1.8166	1404.4
800	7.11	1.8401	1429.7	7.05	1.8391	1429.7	6.98	1.8380	1429.6	6.92	1.8370	1429.6
850	7.40	1.8599	1455.0	7.33	1.8588	1455.0	7.27	1.8577	1454.9	7.20	1.8567	1454.9
900	7.69	1.8790	1480.5	7.62	- Q==0	- 190 =		+ 8+60	T 480 4	P 4 Q	- Qn-Q	- 100 1
	75	1.0790	1400.5	7.02	1.8779	1480.5	7.55	1.8769	1480.4	7.48	1.8758	1480.4
		109	1400.5	1.02	110	1480.5	7.55	111	1480.4	7.40	112	1400.4
		109 [334.1]			110 [334.8]			111 [335.5]			112 [336.1]	
Sat.	4.09	109 [334.1] 1.5973	1189.8	4.06	110 [334.8] 1.5965	1190.0	4.02	111 [335.5] 1.5957	1190.1	3.99	112 [336.1]	1190.3
Sat. 340	4.09	109 [334.1] 1.5973 1.6014	1189.8	4.06	110 [334.8] 1.5965 1.6002	1190.0	4.02	111 [335.5] 1.5957 1.5990	1190.1	3.99	112 [336.1] 1.5950 1.5977	1190.3
Sat. 340	4.09 4.13 4.20	109 [334.1] 1.5973 1.6014 1.6085	1189.8 1193.2 1198.8	4.06 4.09 4.16	110 [334.8] 1.5965 1.6002 1.6073	1190.0	4.02 4.05 4.12	111 [335.5] 1.5957 1.5990 1.6060	1190.1	3.99 4.01 4.08	112 [336.1] 1.5950 1.5977 1.6048	1190.3 1192.5 1198.2
Sat. 340 350 360	4.09 4.13 4.20 4.26	109 [334.1] 1.5973 1.6014 1.6085 1.6154	1189.8 1193.2 1198.8 1204.4	4.06 4.09 4.16 4.22	110 [334.8] 1.5965 1.6002 1.6073 1.6142	1190.0 1192.9 1198.6 1204.2	4.02 4.05 4.12 4.18	111 [335.5] 1.5957 1.5990 1.6060 1.6129	1190.1 1192.7 1198.4 1204.0	3.99 4.01 4.08 4.14	112 [336.1] 1.5950 1.5977 1.6048 1.6117	1190.3 1192.5 1198.2 1203.8
Sat. 340 350 360 370	4.09 4.13 4.20 4.26 4.33	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221	1189.8 1193.2 1198.8 1204.4 1210.0	4.06 4.09 4.16 4.22 4.29	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209	1190.0 1192.9 1198.6 1204.2 1209.8	4.02 4.05 4.12 4.18 4.25	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6197	1190.1 1192.7 1198.4 1204.0 1209.6	3.99 4.01 4.08 4.14 4.21	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185	1190.3 1192.5 1198.2 1203.8 1209.4
Sat. 340 350 360	4.09 4.13 4.20 4.26	109 [334.1] 1.5973 1.6014 1.6085 1.6154	1189.8 1193.2 1198.8 1204.4	4.06 4.09 4.16 4.22	110 [334.8] 1.5965 1.6002 1.6073 1.6142	1190.0 1192.9 1198.6 1204.2	4.02 4.05 4.12 4.18	111 [335.5] 1.5957 1.5990 1.6060 1.6129	1190.1 1192.7 1198.4 1204.0	3.99 4.01 4.08 4.14	112 [336.1] 1.5950 1.5977 1.6048 1.6117	1190.3 1192.5 1198.2 1203.8
Sat.  340  350  360  370  380	4.09 4.13 4.20 4.26 4.33 4.39	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5	4.06 4.09 4.16 4.22 4.29 4.35	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3	4.02 4.05 4.12 4.18 4.25 4.31	111 [335-5] 1.5957 1.5990 1.6060 1.6129 1.6197 1.6263	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1	3.99 4.01 4.08 4.14 4.21 4.27 4.33	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9
Sat. 340 350 360 370 380 390	4.09 4.13 4.20 4.26 4.33 4.39 4.46	109 [334-1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6403 1.6403	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50	111 [335:5] 1.5957 1.5990 1.6060 1.6129 1.6127 1.6263 1.6327	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6	3.99 4.01 4.08 4.14 4.21 4.27	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6316 1.6379 1.6442	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2
340 350 360 370 380 390 400 410 420	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476 1.6537	1189.8 1193.2 1198.8 1204.4 1215.5 1220.9 1226.3 1231.7 1237.0	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6403 1.6465 1.6526	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.56	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6321 1.6351	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1226.0 1231.4 1236.7	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5
Sat.  340  350  360  370  380  390  400  410  420  430	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6227 1.6351 1.6414 1.6476 1.6537 1.6597	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1242.3	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6340 1.6465 1.6526 1.6526	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.56 4.62	111 [335:5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6391 1.6453 1.6514 1.6574	1190.1 1192.7 1198.4 1204.0 1205.6 1215.1 1220.6 1231.4 1236.7 1242.0	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6252 1.6379 1.6442 1.6503 1.6563	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1225.8 1231.2 1236.5 1241.9
Sat. 340 350 360 370 380 390 410 420 430 440	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476 1.6537	1189.8 1193.2 1198.8 1204.4 1215.5 1220.9 1226.3 1231.7 1237.0	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6403 1.6465 1.6526	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.56	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6321 1.6351	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1226.0 1231.4 1236.7	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5
Sat. 340 350 360 370 380 390 400 410 420 430 440	4.09 4.13 4.20 4.26 4.33 4.46 4.52 4.65 4.71 4.77 4.83	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6287 1.6351 1.6414 1.637 1.6597 1.6566	1189.8 1193.2 1198.8 1204.4 1215.5 1220.9 1226.3 1231.7 1237.0 1242.3 1247.6	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6463 1.6465 1.6526 1.6586 1.6645 1.6703	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.66 4.62 4.68	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6197 1.6263 1.6391 1.6453 1.6574 1.6574 1.6633	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3	3.99 4.01 4.08 4.14 4.27 4.33 4.39 4.46 4.52 4.58 4.64	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6622 1.6680	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1
Sat. 340 350 360 370 380 390 400 410 420 430 440 450 460	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.89	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476 1.6537 1.6597 1.6656	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1242.3 1247.6	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85	110 [334.8] 1.5965 1.6002 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6465 1.6526 1.6526 1.6586 1.6545 1.6703 1.6703 1.6703	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1242.2 1247.4	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.62 4.68 4.74 4.80	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6391 1.6453 1.6574 1.6574 1.6633 1.6691 1.6748	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6662 1.6680 1.6737	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1241.9 1247.1 1252.4 1257.6
Sat. 340 350 360 370 380 390 400 410 420 430 440 450 460 470	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.89 4.96	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6227 1.6351 1.6414 1.6537 1.6597 1.6566	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1247.6 1252.8 1252.8 1263.2	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.91	110 [334.8] 1.5965 1.6002 1.6002 1.6003 1.6142 1.6209 1.6275 1.6340 1.6465 1.6526 1.6586 1.6586 1.6703 1.6703 1.6703 1.6760 1.6816	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1247.4 1252.7 1257.9 1263.1	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.56 4.62 4.68 4.74 4.80 4.86	111 [335-5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6391 1.6574 1.6574 1.6633 1.6691 1.6748 1.6748	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1226.0 1231.4 1236.7 1247.3 1252.5 1257.7 1262.9	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6563 1.6563 1.6563 1.6563	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1
Sat. 340 350 360 370 380 390 410 420 430 440 450 460 470 480	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.89 4.96 5.02	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476 1.6537 1.6566 1.6714 1.6771 1.6827 1.6882	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1242.3 1247.6 1252.8 1252.8 1258.0 1268.3	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.91 4.97	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6465 1.6586 1.6586 1.6586 1.6703 1.6703 1.6703 1.6703 1.6816 1.6871	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4 1252.7 1257.9 1268.2	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.56 4.62 4.68 4.74 4.80 4.86 4.92	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6197 1.6263 1.6327 1.6391 1.6453 1.6514 1.6574 1.6633 1.6691 1.6748 1.6805 1.6805 1.6806	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1247.3 1252.5 1257.7 1262.9 1268.1	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6316 1.6379 1.6442 1.6503 1.6504	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1 1252.4 1257.6 1262.8 1268.0
Sat.  340  350  360  370  380  390  400  410  420  430  440  450  460  470  480  490	4.09 4.13 4.20 4.26 4.33 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.89 4.96 5.08	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476 1.6537 1.6597 1.6656 1.6714 1.6771 1.6827 1.6882 1.6936	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1242.3 1247.6 1252.8 1258.0 1268.3 1273.5	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.91 4.97 5.03	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6463 1.6465 1.6526 1.6586 1.6703 1.6703 1.6706 1.6816 1.6871 1.6925	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4 1252.7 1257.9 1268.2 1273.4	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.62 4.68 4.74 4.80 4.86 4.92 4.98	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6391 1.6453 1.6574 1.6574 1.6633 1.6691 1.6748 1.6805 1.6805 1.6914	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3	3-99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88 4.94	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6563 1.6680 1.6797 1.6794 1.6849 1.6903	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1225.8 1231.2 1241.9 1247.1 1252.4 1257.6 1262.8 1268.0 1273.1
Sat. 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.96 5.02 5.08 5.14	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476 1.6537 1.6597 1.6656 1.6714 1.6771 1.6827 1.6882 1.6936 1.6936	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1231.7 1242.3 1247.6 1252.8 1258.0 1268.3 1273.5	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.91 4.97 5.03 5.09	110 [334.8] 1.5965 1.6002 1.6002 1.6275 1.6339 1.6403 1.6465 1.6526 1.6526 1.6586 1.6703 1.6703 1.6703 1.6703 1.6703 1.6703 1.6871 1.6925 1.6979	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1242.2 1247.4 1252.7 1257.9 1268.2 1273.4 1278.5	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.62 4.68 4.74 4.80 4.86 4.92 4.98	111 [335.5] 1.5957 1.5990 1.6060 1.6129 1.6197 1.6263 1.6327 1.6391 1.6453 1.6574 1.6574 1.6633 1.6691 1.6748 1.6805 1.6860 1.6914 1.6968	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88 4.94	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6563 1.6680 1.6737 1.6794 1.6849 1.6903 1.6903	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1225.8 1231.2 1231.2 1241.9 1247.1 1252.4 1257.6 1262.8 1268.0 1273.1
Sat. 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 550	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.89 4.96 5.02 5.08 5.14 5.43	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6227 1.6351 1.6414 1.6476 1.6597 1.6597 1.6827 1.6882 1.6936 1.6936	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1247.6 1252.8 1252.8 1268.3 1273.5 1278.6 1304.0	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.73 4.79 4.85 4.91 4.97 5.03 5.09 5.38	110 [334.8] 1.5965 1.6002 1.6002 1.6003 1.6142 1.6209 1.6275 1.6340 1.6465 1.6526 1.6586 1.6586 1.6703 1.6760 1.6816 1.6871 1.6925 1.6979 1.7237	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1230.9 1247.4 1252.7 1263.1 1268.2 1273.4 1278.5 1303.9	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.56 4.62 4.68 4.74 4.80 4.86 4.92 4.98 5.04 5.33	111 [335-5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6263 1.6327 1.6391 1.6574 1.6574 1.6633 1.6691 1.6748 1.6805 1.6806 1.6914 1.6968 1.6968 1.7226	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1226.0 1231.4 1236.7 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3 1278.4 1303.8	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88 4.94	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6503 1.6563 1.6503 1.6794 1.6849 1.6903 1.6957 1.7216	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1 1252.4 1252.8 1268.0 1273.1 1278.3 1303.7
Sat.  340  350  360  370  380  390  400  420  430  440  450  460  470  480  490  500  500	4.09 4.13 4.20 4.26 4.33 4.46 4.52 4.65 4.71 4.77 4.83 4.89 4.96 5.02 5.08 5.14 5.43 5.72	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6227 1.6351 1.6414 1.6476 1.6537 1.6597 1.6656 1.6714 1.6771 1.6827 1.68282 1.6936	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1242.3 1247.6 1252.8 1258.0 1263.2 1268.3 1273.5	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.91 4.97 5.03 5.09 5.38 5.67	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6205 1.6275 1.6339 1.6465 1.6526 1.6586 1.6586 1.6703 1.6760 1.6871 1.6925 1.6979 1.7237 1.7481	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4 1252.7 1257.9 1263.1 1268.2 1273.4	4.02 4.05 4.12 4.31 4.37 4.44 4.50 4.56 4.68 4.74 4.80 4.80 4.98 5.04 5.33 5.62	111 [335:5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6391 1.6453 1.6574 1.6574 1.6633 1.6691 1.6748 1.6860 1.6948 1.6860 1.6914	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3 1278.4 1303.8 1329.0	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88 4.94 4.99 5.28 5.56	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6316 1.6379 1.6442 1.6503 1.6563 1.6622 1.6680 1.6737 1.6794 1.6880 1.6794 1.6903 1.6903	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1 1252.4 1252.8 1268.0 1273.1
Sat. 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 550	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.89 4.96 5.02 5.08 5.14 5.43	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6227 1.6351 1.6414 1.6476 1.6597 1.6597 1.6827 1.6882 1.6936 1.6936	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1247.6 1252.8 1252.8 1268.3 1273.5 1278.6 1304.0	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.73 4.79 4.85 4.91 4.97 5.03 5.09 5.38	110 [334.8] 1.5965 1.6002 1.6002 1.6003 1.6142 1.6209 1.6275 1.6340 1.6465 1.6526 1.6586 1.6586 1.6703 1.6760 1.6816 1.6871 1.6925 1.6979 1.7237	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1230.9 1247.4 1252.7 1263.1 1268.2 1273.4 1278.5 1303.9	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.56 4.62 4.68 4.74 4.80 4.86 4.92 4.98 5.04 5.33	111 [335-5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6263 1.6327 1.6391 1.6574 1.6574 1.6633 1.6691 1.6748 1.6805 1.6806 1.6914 1.6968 1.6968 1.7226	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1226.0 1231.4 1236.7 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3 1278.4 1303.8	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88 4.94	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6503 1.6563 1.6503 1.6794 1.6849 1.6903 1.6957 1.7216	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1 1252.4 1252.8 1268.0 1273.1 1278.3 1303.7
Sat.  340  350  360  370  380  400  410  420  430  440  450  480  490  550  600  650  700	4.09 4.13 4.20 4.26 4.33 4.39 4.46 4.52 4.59 4.65 4.71 4.77 4.83 4.96 5.02 5.08 5.14 5.43 5.72 6.01 6.29	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6221 1.6287 1.6351 1.6414 1.6476 1.6557 1.6566 1.6714 1.6771 1.6827 1.6882 1.6936 1.6936 1.7248 1.7492 1.7723 1.7943	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1242.3 1247.6 1252.8 1252.8 1268.3 1273.5 1278.6 1304.0 1329.2 1354.3 1379.3	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.91 4.97 5.03 5.09 5.38 5.67 5.95 6.23	110 [334.8] 1.5965 1.6002 1.6002 1.6275 1.6339 1.6403 1.6465 1.6526 1.6586 1.6586 1.6703 1.6760 1.6816 1.6871 1.6925 1.6979 1.7237 1.7481 1.7712 1.7933	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4 1252.7 1268.2 1273.4 1278.5 1303.9 1329.1 1354.2 1379.2	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.62 4.68 4.74 4.80 4.86 4.92 4.98 5.04 5.33 5.62 5.90 6.18	111 [335:5] 1.5957 1.5990 1.6060 1.6129 1.6263 1.6327 1.6391 1.6453 1.6574 1.6574 1.6633 1.6691 1.6748 1.6805 1.6914 1.6968 1.7226 1.7470 1.7702 1.7923	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3 1278.4 1303.8 1329.0 1354.1 1379.2	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.82 4.88 4.94 4.99 5.28 5.56 5.84 6.12	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6563 1.6563 1.6563 1.6563 1.6794 1.6849 1.6903 1.6903 1.6957 1.7216 1.7460 1.7691 1.7912	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1225.8 1231.2 1241.9 1247.1 1252.4 1252.6 1268.0 1273.1 1278.3 1303.7 1329.0 1354.1 1379.1
Sat.  340  350  360  370  380  390  400  410  420  430  440  450  460  470  480  490  500  550  650  700	4.09 4.13 4.20 4.26 4.33 4.46 4.52 4.65 4.71 4.77 4.83 4.89 4.96 5.02 5.08 5.14 5.72 6.01 6.29 6.57	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6227 1.6351 1.6414 1.6476 1.6537 1.6597 1.6656 1.6714 1.6771 1.6822 1.6936 1.6990 1.7248 1.7492 1.7723 1.7943 1.8155	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1242.3 1247.6 1252.8 1252.8 1263.3 1273.5 1278.6 1304.0 1329.2 1354.3 1379.3 1404.4	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.97 5.03 5.09 5.38 5.67 5.95 6.23 6.51	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6205 1.6275 1.6339 1.6465 1.6526 1.6586 1.6586 1.6760 1.6871 1.6925 1.6979 1.7237 1.7481 1.7712 1.7933 1.8145	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4 1252.7 1252.7 1263.1 1268.2 1273.4 1278.5 1303.9 1329.1 1354.2 1379.2	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.68 4.74 4.80 4.80 4.92 4.98 5.04 5.33 5.62 5.90 6.18 6.45	111 [335:5] 1.5957 1.5990 1.6060 1.6129 1.6129 1.6263 1.6327 1.6391 1.6453 1.6574 1.6574 1.66805 1.6805 1.6805 1.6806 1.6914 1.6968 1.7226 1.7470 1.7702 1.7702 1.7923 1.8135	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3 1278.4 1303.8 1329.0 1354.1 1379.2	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88 4.94 4.99 5.28 5.56 5.84 6.12 6.40	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6622 1.6680 1.6737 1.6794 1.6849 1.6903 1.6903 1.6957 1.7216 1.7460 1.7691 1.7912 1.8125	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1 1252.4 1252.8 1262.8 1273.1 1278.3 1303.7 1329.0 1354.1 1379.1
Sat.  340 350 360 370 380 390 410 420 430 440 450 460 470 480 490 500 650 700 800	4.09 4.13 4.20 4.26 4.33 4.46 4.52 4.65 4.71 4.77 4.83 4.89 4.96 5.02 5.08 5.14 5.43 5.72 6.01 6.29 6.57 6.85	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6227 1.6351 1.6414 1.6537 1.6597 1.6656 1.6714 1.6771 1.6827 1.6822 1.6936 1.7248 1.7943 1.8155 1.8359	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1242.3 1247.6 1252.8 1258.0 1263.2 1268.3 1273.5 1278.6 1304.0 1329.2 1354.3 1379.3 1404.4 1429.6	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.91 4.91 4.97 5.03 5.09 5.38 5.67 5.95 6.23 6.51 6.79	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6209 1.6275 1.6339 1.6465 1.6526 1.6586 1.6645 1.6703 1.6760 1.6816 1.6871 1.69279 1.7237 1.7481 1.7712 1.7933 1.8145 1.8349	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4 1252.7 1263.1 1268.2 1273.4 1278.5 1303.9 1329.1 1354.2 1379.2	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.62 4.68 4.74 4.80 4.80 4.92 4.98 5.04 5.33 5.62 5.90 6.18 6.45 6.73	111 [335:5] 1.5957 1.5990 1.6060 1.6129 1.6197 1.6263 1.6391 1.6453 1.6574 1.6633 1.6691 1.6860 1.6914 1.6968 1.7226 1.7470 1.7702 1.7923 1.8135 1.8339	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3 1278.4 1303.8 1329.0 1354.1 1379.2	3.99 4.01 4.08 4.14 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.88 4.94 4.99 5.28 5.56 5.84 6.12 6.40 6.67	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6622 1.6680 1.6794 1.6949 1.6949 1.7916 1.7916 1.7916 1.7912 1.8125 1.8125 1.8329	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1 1252.4 1257.6 1262.8 1268.0 1278.3 1303.7 1329.0 1354.1 1379.1 1404.2 1429.5
Sat.  340  350  360  370  380  390  400  410  420  430  440  450  460  470  480  490  500  550  650  700	4.09 4.13 4.20 4.26 4.33 4.46 4.52 4.65 4.71 4.77 4.83 4.89 4.96 5.02 5.08 5.14 5.72 6.01 6.29 6.57	109 [334.1] 1.5973 1.6014 1.6085 1.6154 1.6227 1.6351 1.6414 1.6476 1.6537 1.6597 1.6656 1.6714 1.6771 1.6822 1.6936 1.6990 1.7248 1.7492 1.7723 1.7943 1.8155	1189.8 1193.2 1198.8 1204.4 1210.0 1215.5 1220.9 1226.3 1231.7 1237.0 1242.3 1247.6 1252.8 1252.8 1263.3 1273.5 1278.6 1304.0 1329.2 1354.3 1379.3 1404.4	4.06 4.09 4.16 4.22 4.29 4.35 4.42 4.48 4.54 4.60 4.67 4.73 4.79 4.85 4.97 5.03 5.09 5.38 5.67 5.95 6.23 6.51	110 [334.8] 1.5965 1.6002 1.6073 1.6142 1.6205 1.6275 1.6339 1.6465 1.6526 1.6586 1.6586 1.6760 1.6871 1.6925 1.6979 1.7237 1.7481 1.7712 1.7933 1.8145	1190.0 1192.9 1198.6 1204.2 1209.8 1215.3 1220.7 1226.1 1231.5 1236.9 1242.2 1247.4 1252.7 1252.7 1263.1 1268.2 1273.4 1278.5 1303.9 1329.1 1354.2 1379.2	4.02 4.05 4.12 4.18 4.25 4.31 4.37 4.44 4.50 4.68 4.74 4.80 4.80 4.92 4.98 5.04 5.33 5.62 5.90 6.18 6.45	111 [335:5] 1.5957 1.5990 1.6060 1.6129 1.6129 1.6263 1.6327 1.6391 1.6453 1.6574 1.6574 1.66805 1.6805 1.6805 1.6806 1.6914 1.6968 1.7226 1.7470 1.7702 1.7702 1.7923 1.8135	1190.1 1192.7 1198.4 1204.0 1209.6 1215.1 1220.6 1231.4 1236.7 1242.0 1247.3 1252.5 1257.7 1262.9 1268.1 1273.3 1278.4 1303.8 1329.0 1354.1 1379.2	3.99 4.01 4.08 4.14 4.21 4.27 4.33 4.39 4.46 4.52 4.58 4.64 4.70 4.76 4.82 4.88 4.94 4.99 5.28 5.56 5.84 6.12 6.40	112 [336.1] 1.5950 1.5977 1.6048 1.6117 1.6185 1.6252 1.6379 1.6442 1.6503 1.6563 1.6622 1.6680 1.6737 1.6794 1.6849 1.6903 1.6903 1.6957 1.7216 1.7460 1.7691 1.7912 1.8125	1190.3 1192.5 1198.2 1203.8 1209.4 1214.9 1220.4 1225.8 1231.2 1236.5 1241.9 1247.1 1252.4 1252.8 1262.8 1273.1 1278.3 1303.7 1329.0 1354.1 1379.1

Pres- sure		<b>113</b> [336.8]			<b>114</b> [337-4]			115 [338.1]			<b>116</b> [338.7]	
Temp	•	s	i	▼	S	i	▼	s	i	•	s	i
Sat.	3.95	1.5943	1190.4	3.92	1.5935	1190.6	3.89	1.5928	1190.7	3.86	1.5921	1190.8
340	3.98	1.5965	1192.2	3.94	1.5953	1192.0	3.90	1.5941	1191.8	3.87	1.5929	1191.6
350	4.04	1.6036	1197.9	4.00	1.6024	1197.7	3.97	1.6012	1197.5	3.93	1.6000	1197.3
360	4.10	1.6105	1203.6	4.07	1.6094	1203.4	4.03	1.6082	1203.2	3.99	1.6070	1203.0
370	4.17	1.6173	1209.2	4.13	1.6162	1209.0	4.09	1.6150	1208.8	4.05	1.6138	1208.6
380	4.23	1.6240	1214.7	4.19	1.6228	1214.5	4.15	1.6217	1214.3	4.11	1.6205	1214.2
390	4.29	1.6305	1220.2	4.25	1.6293	1220.0	4.21	1.6282	1219.8	4.18	1.6270	1219.7
400	4.35	1.6368	1225.6	4.31	1.6357	1225.5	4.27	1.6346	1225.3	4.24	1.6334	1225.1
410	4.42	1.6431	1231.0	4.38	1.6419	1230.9	4.34	1.6408	1230.7	4.30	1.6397	1230.5
420	4.48	1.6492	1236.4	4.44	1.6481	1236.2	4.40	1.6470	1236.1	4.36	1.6459	1235.9
430	4.54	1.6552	1241.7	4.50	1.6541	1241.6	4.46	1.6530	1241.4	4.42	1.6519	1241.3
							4.3-			7.77		
450	4.66	1.6669	1252.3	4.62	1.6658	1252.1	4.57	1.6647	1252.0	4.53	1.6636	1251.9
460	4.72	1.6726	1257.5	4.67	1.6715	1257.4	4.63	1.6704	1257.2	4-59	1.6694	1257.1
470	4.77	1.6783	1262.7	4.73	1.6772	1262.6	4.69	1.6761	1262.4	4.65	1.6750	1262.3
480 490	4.83	1.6838	1267.9	4.79	1.6827	1267.8	4.75	1.6817	1267.6	4.70	1.6861	1267.5
												12/2./
500	4.95	1.6947	1278.2	4.91	1.6936	1278.1	4.86	1.6925	1278.0	4.82	1.6914	1277.9
550	5.23	1.7205	1303.7	5.19	1.7195	1303.6	5.14	1.7184	1303.5	5.10	1.7174	1303.4
600	5.51	1.7449	1328.9	5.47	1.7439	1328.8	5.42	1.7429	1328.8	5-37	1.7419	1328.7
650 700	5.79 6.07	1.7902	1354.0	5.74 6.01	1.7671	1354.0	5.69 5.96	1.7882	1353.9	5.64	1.7651	1353.8
/												
			1404.2	6.28	1.8104	1404.2	6.23	1.8094	1404.1	6.17	1.8084	1404.1
	6.34	1.8115			- 00							
800	6.61	1.8319	1429.4	6.55	1.8308	1429.4	6.49	1.8298	1429.4	6.44	1.8289	
750 800 850 900					1.8308 1.8506 1.8698	1429.4 1454.8 1480.3	6.49 6.76 7.02	1.8496	1429.4 1454.8 1480.3	6.70 6.96	1.8487	1454.7
800 850	6.61 6.88	1.8319	1429.4 1454.8	6.55 6.82	1.8506	1454.8	6.76	1.8496	1454.8	6.70	1.8487	1429.3 1454.7 1480.2
800 850	6.61 6.88	1.8319 1.8516 1.8707	1429.4 1454.8	6.55 6.82	1.8506 1.8698	1454.8	6.76	1.8496	1454.8	6.70	1.8487	1454.7
800 850	6.61 6.88	1.8319 1.8516 1.8707	1429.4 1454.8	6.55 6.82	1.8506 1.8698	1454.8	6.76	1.8496 1.8688	1454.8	6.70	1.8487 1.8678	1454.7
800 850 900	6.61 6.88 7.14	1.8319 1.8516 1.8707 117 [339.4]	1429.4 1454.8 1480.3	6.55 6.82 7.08	1.8506 1.8698 118 [340.0]	1454.8	6.76 7.02	1.8496 1.8688 119 [340.6]	1454.8	6.70 6.96	1.8487 1.8678 120 [341.3]	1454.7
800 850 900 Sat.	6.61 6.88 7.14	1.8319 1.8516 1.8707 117 [339.4]	1429.4 1454.8 1480.3 1191.0 1197.1 1202.8	6.55 6.82 7.08	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047	1454.8 1480.3 1191.1 1196.9 1202.6	6.76 7.02 3.77	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036	1191.2 1196.6 1202.3	6.70 6.96 3.74	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025	1454.7
800 850 900 Sat. 350 360 370	3.83 3.89 3.96 4.02	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127	1429.4 1454.8 1480.3 1191.0 1197.1 1202.8 1208.4	3.80 3.86 3.92 3.98	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6116	1454.8 1480.3 1191.1 1196.9 1202.6 1208.2	3.77 3.82 3.88 3.95	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105	1191.2 1196.6 1202.3 1208.0	3.74 3.79 3.85 3.91	1.8487 1.8678 120 [341-3] 1.5893 1.5955 1.6025 1.6094	1191.4 1196.4 1202.1 1207.8
800 850 900 Sat. 350 360 370 380	3.83 3.89 3.96 4.02 4.08	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194	1191.0 1197.1 1202.8 1208.4 1214.0	3.80 3.86 3.92 3.98 4.04	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6116 1.6183	1191.1 1196.9 1202.6 1208.2 1213.8	3.77 3.82 3.88 3.95 4.01	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172	1191.2 1196.6 1202.3 1208.0 1213.6	3.74 3.79 3.85 3.91 3.97	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161	1191.4 1196.4 1202.1 1207.8 1213.4
800 850 900 Sat. 350 360 370 380 390	3.83 3.89 3.96 4.02	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259	1429.4 1454.8 1480.3 1191.0 1197.1 1202.8 1208.4	3.80 3.86 3.92 3.98	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6116	1454.8 1480.3 1191.1 1196.9 1202.6 1208.2	3.77 3.82 3.88 3.95	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237	1191.2 1196.6 1202.3 1208.0	3.74 3.79 3.85 3.91	1.8487 1.8678 120 [341-3] 1.5893 1.5955 1.6025 1.6094	1191.2 1196.4 1202.1 1207.8 1213.4
800 850 900 Sat. 350 360 370 380 390 400	3.83 3.89 3.96 4.02 4.08 4.14	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5	3.80 3.86 3.92 3.98 4.04 4.10	1.8506 1.8698 118 [340.0] 1.5907 1.5907 1.6047 1.6116 1.6183 1.6248	1454.8 1480.3 1191.1 1196.9 1202.6 1208.2 1213.8 1219.3	3.77 3.82 3.88 3.95 4.01 4.07	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237	1454.8 1480.3 1191.2 1196.6 1202.3 1208.0 1213.6 1219.1	3.74 3.79 3.85 3.91 3.97 4.03	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226	1191.4 1196.4 1196.4 1202.1 1207.8 1213.4 1218.0
800 850 900 Sat. 350 360 370 380 390 400 410	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386	1191.0 1197.1 1202.8 1214.0 1219.5 1225.0 1230.4	3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22	1.8506 1.8698 118 [340.0] 1.5907 1.6907 1.6116 1.6183 1.6248 1.6312 1.6375	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15	120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291 1.6354	1191.4 1196.4 1202.1 1207.8 1213.4 1218.9
800 850 900 Sat. 350 360 370 380 390 400 410 420	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6348	1191.0 1197.1 1202.8 1214.0 1219.5 1225.0 1230.4 1235.8	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6116 1.6183 1.6248 1.6312 1.6375 1.6437	1191.1 1196.9 1202.6 1213.8 1219.3 1224.8 1230.2 1235.6	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6094 1.6161 1.6226 1.6291 1.6354 1.6415	1191.2 1196.4 1202.1 1207.8 1213.4 1218.0 1224.4 1229.0 1235.3
800 850 900 Sat. 350 360 370 380 390 400 410 420 430	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6488 1.6508	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1225.8 1225.8 1225.8 1225.8	3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6116 1.6183 1.6248 1.6312 1.6375 1.6437 1.6497	1191.1 1196.9 1208.6 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30	1.8496 1.8688 119 [340.6] 1.5966 1.6036 1.6172 1.6237 1.6301 1.6364 1.6426 1.6426	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6026 1.6291 1.6354 1.6415 1.6476	1191.4 1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7
Sat.  350 360 3370 3400 410 420 4440	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6508	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40	1.8506 1.8698 118 [340.0] 1.5907 1.6907 1.6116 1.6183 1.6248 1.6312 1.6375 1.6437 1.6497 1.6556	1191.1 1196.9 1202.6 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6476 1.6476 1.6536	1191.2 1196.4 1202.1 1207.8 1213.4 1218.0 1224.4 1229.0 1235.3 1240.7
800 850 900 Sat. 350 360 370 380 440 440 440 440 440 440	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6508 1.6567 1.6626	1191.0 1197.1 1202.8 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40	1.8506 1.8698 118 [340.0] 1.5907 1.6907 1.6116 1.6183 1.6248 1.6375 1.6437 1.6497 1.6556 1.6615	1191.1 1196.9 1202.6 1203.8 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6103 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546 1.6605	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6025 1.6026 1.6226 1.6291 1.6354 1.6476 1.6536 1.6594	1191.4 1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0
800 850 9900 Sat. 350 360 370 380 410 420 4430 440 450 460	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6567 1.6626 1.6683	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4	3.80 3.86 3.92 3.98 4.04 4.16 4.22 4.28 4.34 4.40	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6116 1.6183 1.6248 1.6375 1.6437 1.6497 1.6556 1.6615 1.66672	1191.1 1196.9 1202.6 1213.8 1219.3 1224.8 1230.2 1241.0 1246.3 1251.6	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.30 4.36 4.41	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546 1.6605 1.6605	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1235.4 1240.8 1240.8 1240.8 1240.8 1240.8	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6094 1.6161 1.6291 1.6354 1.6476 1.6536 1.6594 1.6594	1191.4 1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0
800 850 9900 Sat. 350 360 3370 380 3390 400 4410 4420 4430 4440 4460 4470	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6567 1.6626 1.6626 1.6683 1.6740	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4	3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.616 1.6183 1.6248 1.6375 1.6437 1.6437 1.6556 1.6655 1.6672 1.6729	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1246.3 1256.8 1256.8	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.36 4.41 4.47 4.53	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6172 1.6237 1.6364 1.6426 1.6426 1.6546 1.6605 1.6605 1.6719	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1251.4 1251.4 1251.6	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.26 4.32 4.38 4.43 4.43	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6415 1.6456 1.6536 1.6594 1.66594 1.6659	1191.4 1196.4 1202.1 1207.8 1213.4 1228.9 1235.3 1240.7 1246.0
800 850 9900 Sat. 350 360 3370 3380 3390 400 440 440 440 440 440 440	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.45 4.61 4.66	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6567 1.6626 1.6626 1.6626 1.6626 1.6626 1.6626 1.6740 1.6740 1.6796	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.57 4.62	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6166 1.6248 1.6312 1.6375 1.6437 1.6556 1.6665 1.6667 1.6672 1.6729 1.6729 1.6729 1.6729 1.6729	1191.1 1196.9 1202.6 1208.2 1213.8 1224.8 1230.2 1235.6 1246.3 1251.6 1256.8 1262.1 1267.3	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.36 4.41 4.47 4.53 4.58	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6301 1.6364 1.6426 1.6546 1.6546 1.6605 1.6605 1.6775	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.8 1246.1 1251.6 1251.6	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.32 4.38 4.43 4.43 4.49	120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6476 1.6594 1.6594 1.6769 1.6765	1191.4 1196.4 1202.1 1207.8 1213.4 1218.0 1224.4 1229.0 1235.3 1240.7 1256.6 1261.8 1267.0
Sat. 350 360 370 400 4410 4450 4460 4470 4480 490	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.43 4.43 4.43 4.45 4.61 4.66 4.72	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6488 1.6567 1.6666 1.66683 1.6740 1.6796 1.6850	1191.0 1197.1 1202.8 1202.8 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.57 4.62 4.68	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6166 1.6183 1.6248 1.6312 1.6375 1.6437 1.6497 1.6556 1.6655 1.6672 1.6729 1.6785 1.6840	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1251.6 1256.8 1262.1 1267.3 1272.5	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.30 4.36 4.41 4.47 4.53 4.58 4.64	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6172 1.6237 1.6364 1.6426 1.6486 1.6546 1.6605 1.6605 1.6779 1.6775 1.6830	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1 1251.4 1256.7 1261.9 1267.1	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.49 4.54 4.60	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6024 1.6161 1.6226 1.6291 1.6354 1.6476 1.6536 1.6594 1.6652 1.6709 1.6765 1.6820	1191.4 1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0
800 850 900 Sat. 350 360 370 380 400 4420 4430 4450 4460 470 480 500	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.61 4.66 4.72	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6488 1.6567 1.6626 1.6683 1.6740 1.6796 1.6850 1.6904	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6	3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.57 4.62 4.68	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6116 1.6183 1.6248 1.6375 1.6497 1.6556 1.66672 1.6729 1.6785 1.6840 1.6894	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1246.3 1251.6 1251.6 1267.3 1272.5	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.36 4.41 4.47 4.53 4.58 4.64	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6172 1.6237 1.6364 1.6486 1.6486 1.6546 1.6605 1.6719 1.6775 1.6830 1.6884	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1251.4 1256.7 1261.9 1267.1 1272.3	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.49 4.54 4.60	120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6415 1.6415 1.6536 1.6594 1.6652 1.6709 1.6765 1.6820 1.6874	1191.4 1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1250.8 1267.0 1272.2
Sat.  350 360 370 380 400 410 440 440 450 440 500 510	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6567 1.6626 1.6683 1.6740 1.6796 1.6850 1.6904 1.6904 1.6957	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1267.4 1272.6	3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.57 4.62 4.68	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6166 1.6183 1.6248 1.6312 1.6375 1.6437 1.6556 1.6615 1.6672 1.6729 1.6729 1.6729 1.6785 1.6840 1.6894 1.6894	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1246.3 1251.6 1252.8 1262.1 1267.3 1272.5	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6301 1.6364 1.6426 1.6546 1.6546 1.6665 1.6679 1.6775 1.6830 1.6884 1.6937	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1256.7 1261.9 1267.1 1272.3	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.32 4.38 4.43 4.49 4.54 4.60	120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6476 1.6594 1.66594 1.66594 1.6765 1.6820 1.6874 1.6874 1.6874	1191.4 1196.4 1202.1 1207.8 1213.4 1218.6 1224.4 1229.9 1235.3 1240.7 1246.6 1251.3 1256.6 1261.8 1267.0 1272.2
800 850 900 Sat. 350 360 3370 3380 3390 440 440 440 440 440 50 440 500 510 5520	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.43 4.45 4.66 4.72 4.77 4.83 4.89	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6567 1.6626 1.6626 1.6683 1.6796 1.6850 1.6904 1.6957 1.7009	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1252.0 1267.4 1272.6	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.51 4.62 4.68 4.73 4.79 4.84	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312 1.6375 1.6437 1.6497 1.6556 1.6672 1.6729 1.6729 1.6785 1.6894 1.6894 1.6999	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1246.3 1251.6 1252.8 1262.1 1267.3 1272.5	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64 4.69 4.75 4.80	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546 1.6605 1.6775 1.6830 1.6884 1.6937 1.6989	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1 1251.4 1251.7 1261.9 1267.1 1272.3	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.43 4.45 4.60	120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6476 1.6536 1.6594 1.6652 1.6709 1.6705 1.6820 1.6874 1.6827 1.6820	1454-7 1480.2 1191.4 1196.4 1202.1 1207.8 1213.4 1218.0 1235.3 1246.0 1251.3 1256.6 1261.8 1267.2 1277.4 1282.6 1287.7
Sat.  350 360 370 380 370 380 390  400 410 440 450 440 450 500 510	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6567 1.6626 1.6683 1.6740 1.6796 1.6850 1.6904 1.6904 1.6957	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1267.4 1272.6	3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.57 4.62 4.68	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6166 1.6183 1.6248 1.6312 1.6375 1.6437 1.6556 1.6615 1.6672 1.6729 1.6729 1.6729 1.6785 1.6840 1.6894 1.6894	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1246.3 1251.6 1252.8 1262.1 1267.3 1272.5	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6301 1.6364 1.6426 1.6546 1.6546 1.6665 1.6679 1.6775 1.6830 1.6884 1.6937	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1256.7 1261.9 1267.1 1272.3	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.32 4.38 4.43 4.49 4.54 4.60	120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6476 1.6594 1.66594 1.66594 1.6765 1.6820 1.6874 1.6874 1.6874	1191.2 1196.2 1202.1 1207.2 1213.2 1218.6 1224.2 1235.3 1240.7 1246.6 1251.3 1256.6 1261.8 1267.2 1277.2 1287.7 1282.6 1287.7 1292.8
800 850 900 Sat. 350 360 370 380 390 400 410 440 450 460 470 4480 450 500 5510 5520 5330	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72 4.77 4.83 4.89 4.94 5.00	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6567 1.6626 1.6683 1.6740 1.6996 1.6904 1.6957 1.7009 1.7001 1.7113	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1267.4 1272.6 1277.7 1282.9 1288.0 1293.1 1298.2	3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.57 4.62 4.68 4.73 4.79 4.84 4.90 4.95	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.616 1.6183 1.6248 1.6312 1.6375 1.6437 1.6556 1.6615 1.6672 1.6729 1.6785 1.6840 1.6894 1.6999 1.7051 1.7103	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3 1251.6 1267.3 1272.5 1277.6 1282.8 1287.9 1298.1	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.36 4.47 4.53 4.58 4.64 4.69 4.75 4.80 4.86 4.91	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6301 1.6364 1.6426 1.6546 1.6546 1.6546 1.6605 1.6779 1.6779 1.6830 1.6884 1.6989 1.7041 1.7093	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1 1256.7 1267.1 1272.3 1277.5 1282.7 1282.8 1292.9 1298.0	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.49 4.54 4.60 4.65 4.71 4.76 4.82 4.87	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6326 1.6354 1.6476 1.6536 1.6594 1.66765 1.6709 1.6709 1.6874 1.6927 1.6980 1.7032 1.7083	1191.4 1196.4 1202.1 1207.8 1213.4 1218.6 1224.2 1229.9 1235.3 1240.0 1251.3 1256.6 1261.8 1267.0 1272.2 1277.4 1282.6 1287.1 1292.8
800 850 900 Sat. 350 360 370 380 390 400 410 440 440 450 450 550 550 550 550	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.49 4.55 4.61 4.66 4.72 4.77 4.83 4.89 4.94	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6568 1.6567 1.6626 1.6683 1.6796 1.6850 1.6904 1.6904 1.7009 1.7061	1191.0 1197.1 1202.8 1202.8 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1262.2 1267.4 1272.6 1277.7 1282.9 1288.9 1293.1	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.51 4.62 4.68 4.73 4.79 4.84 4.90	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6375 1.6497 1.6556 1.6672 1.6785 1.6894 1.6894 1.6999 1.7051	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1246.3 1251.6 1262.8 1262.1 1267.3 1272.5 1277.6 1282.8 1287.9 1293.0 1298.1 1303.2	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64 4.69 4.86 4.91 4.97	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546 1.6546 1.6775 1.6830 1.6884 1.6937 1.6989 1.7041	1454.8 1480.3 1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1251.4 1251.7 1261.9 1267.1 1272.3 1277.5 1282.7 1282.8 1292.9 1298.0 1303.1	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.44 4.60 4.65 4.71 4.76 4.82	120 [341.3] 1.5893 1.5955 1.6025 1.6024 1.6161 1.6226 1.6291 1.6354 1.6476 1.6594 1.6652 1.6765 1.6820 1.6874 1.6820 1.6874 1.6927 1.6980 1.7032 1.7033	1454-7 1480.2 1191.4 1196.4 1202.1 1207.8 1213.4 1224.4 1229.9 1235.3 1246.0 1251.3 1256.6 1267.0 1272.2 1277.4 1282.6 1287.7 1292.8 1297.9
800 850 900 Sat. 350 360 370 380 390 400 410 440 450 460 470 500 5520 5530 5540 600 600	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.66 4.72 4.77 4.83 4.89 4.94 5.00 5.05 5.32 5.59	1.8319 1.8516 1.8707 117 [339-4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6567 1.6626 1.6626 1.6626 1.6685 1.6740 1.6957 1.7009 1.7009 1.7001 1.7113 1.7164	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1267.4 1272.6 1277.7 1282.9 1288.0 1293.1 1298.2 1303.3	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.57 4.62 4.68 4.73 4.79 4.84 4.90 4.95 5.01	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6375 1.6497 1.6556 1.6672 1.6785 1.6894 1.6999 1.7051 1.7103	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3 1251.6 1267.3 1272.5 1277.6 1282.8 1287.9 1298.1	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.36 4.47 4.53 4.58 4.64 4.69 4.75 4.80 4.86 4.91	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546 1.6655 1.6665 1.6775 1.6830 1.6884 1.6937 1.6989 1.7041 1.7093	1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1 1256.7 1267.1 1272.3 1277.5 1282.7 1282.8 1292.9 1298.0	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.32 4.38 4.43 4.43 4.49 4.54 4.60 4.65 4.71 4.76 4.82 4.87	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6326 1.6354 1.6476 1.6536 1.6594 1.66765 1.6709 1.6709 1.6874 1.6927 1.6980 1.7032 1.7083	1191.4 1196.4 1202.1 1207.8 1213.4 1218.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0
800 850 900 Sat. 350 360 370 380 3390 400 410 440 440 450 460 470 480 490 510 520 530 540	3.83 3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.45 4.61 4.61 4.62 4.77 4.83 4.94 5.00 5.05 5.32	1.8319 1.8516 1.8707 117 [339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6326 1.6348 1.6567 1.6626 1.6683 1.6740 1.6850 1.6957 1.7069 1.7061 1.7113	1191.0 1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6 1277.7 1282.9 1298.2 1303.3 1328.6	3.80 3.80 3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.51 4.51 4.62 4.68 4.73 4.79 4.84 4.90 4.95 5.01 5.28	1.8506 1.8698 118 [340.0] 1.5907 1.5977 1.6047 1.6166 1.6183 1.6248 1.6312 1.6375 1.6437 1.6457 1.6556 1.6665 1.6729 1.6729 1.6729 1.6785 1.6894 1.6999 1.7051 1.7153	1191.1 1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1246.3 1251.6 1251.6 1267.3 1277.6 1277.6 1282.8 1287.9 1293.0 1298.1 1303.2 1303.2 1303.2 1303.2	3.77 3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.58 4.64 4.69 4.75 4.86 4.86 4.91	1.8496 1.8688 119 [340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6426 1.6456 1.6546 1.6775 1.6830 1.6884 1.6937 1.6989 1.7041 1.7093	1454.8 1480.3 1191.2 1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1251.4 1251.4 1251.4 1251.7 1261.9 1267.1 1277.5 1287.8 1292.9 1298.0 1303.1 1328.5	3.74 3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.43 4.45 4.60 4.65 4.71 4.76 4.82 4.87	1.8487 1.8678 120 [341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6476 1.6536 1.6594 1.6652 1.6765 1.6874 1.6980 1.7032 1.7083 1.7134 1.7379	1454-7 1480.2 1196.4 1202.1 1207.8 1213.4 1218.0 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.2 1277.4 1282.6 1287.7 1292.8 1297.9

Pres- sure		<b>121</b> [341.9]	74		122 [342.5]		41	<b>123</b> [343.1]		4	<b>124</b> [343-7]	
Temp ° F.	▼	s	i	v	8	i	V	S	i	v	S	i
Sat.	3.71	1.5886	1191.5	3.68	1.5879	1191.6	3.65	1.5872	1191.8	3.62	1.5865	1191.9
350	3.76	1.5943	1196.2	3.72	1.5932	1196.0	3.69	1.5921	1195.7	3.66	1.5910	1195.5
360	3.82	1.6013	1201.9	3.78	1.6002	1201.7	3.75	1.5991	1201.5	3.72	1.5980	1201.3
370	3.88	1.6082	1207.6	3.84	1.6071	1207.4	3.81	1.6060	1207.2	3.78	1.6049	1207.0
380	3.94	1.6150	1213.2	3.90	1.6139	1213.0	3.87	1.6128	1212.8	3.84	1.6117	1212.6
390	4.00	1.6216	1218.8	3.96	1.6205	1218.6	3.93	1.6194	1218.4	3.89	1.6183	1218.2
400	4.05	1.6280	1224.3	4.02	1.6269	1224.1	3.98	1.6258	1223.9	3.95	1.6248	1223.7
410	4.11	1.6343	1229.7	4.08	1.6332	1229.6	4.04	1.6322	1229.4	4.01	1.6311	1229.2
420	4.17	1.6405	1235.1	4.13	1.6394	1235.0	4.10	1.6384	1234.8	4.06	1.6373	1234.6
430	4.23	1.6466	1240.5	4.19	1.6455	1240.4	4.15	1.6445	1240.2	4.12	1.6434	1240.0
440	4.28	1.0525	1245.9	4.25	1.0515	1245.7	4.21	1.0505	1245.0	4.17	1.6494	1245.4
450	4.34	1.6584	1251.2	4.30	1.6574	1251.0	4.26	1.6563	1250.9	4.23	1.6553	1250.7
460	4.39	1.6642	1256.4	4.36	1.6631	1256.3	4.32	1.6621	1256.2	4.28	1.6611	1256.0
470	4.45	1.6699	1261.7	4.41	1.6688	1261.6	4.37	1.6678	1261.4	4.34	1.6668	1261.3
480	4.50	1.6754	1266.9	4.46	1.6744	1266.8	4.43	1.6734	1266.7	4.39	1.6724	1266.6
490	4.56	1.6809	1272.1	4.52	1.6799	1272.0	4.48	1.6789	1271.9	4.44	1.6779	1271.8
F00		000			60						60	
500	4.61	1.6864	1277.3	4.57	1.6854	1277.2	4.54	1.6844	1277.1	4.50	1.6834	1277.0
510	4.67	1.6918	1282.5	4.63	1.6908	1282.4	4.59	1.6898	1282.2	4.55	1.6988	1282.1
520	4.72	1.7023	1292.7	,	1.7013	1292.6	4.64	1.6951	1292.6	4.60 4.66	1.6993	1207.3
530	4.83	1.7074	1297.9	4.73	1.7064	1297.8	4.09	1.7054	1297.7	4.71	1.7044	1292.5
340	4.03	1.7074	1297.9	4.79	1.7004	1297.0	4.73	1.7034	129/1/	4./-	1.7044	1297.0
550	4.88	1.7124	1303.0	4.84	1.7114	1302.9	4.80	1.7105	1302.8	4.76	1.7095	1302.7
600	5.15	1.7370	1328.3	5.10	1.7360	1328.3	5.06	1.7350	1328.2	5.02	1.7341	1328.1
650	5.41	1.7602	1353.5	5.36	1.7593	1353.5	5.32	1.7583	1353.4	5.27	1.7574	1353.3
700	5.66	1.7824	1378.7	5.62	1.7815	1378.6	5.57	1.7805	1378.6	5.52	1.7796	1378.5
750	5.92	1.8037	1403.9	5.87	1.8027	1403.8	5.82	1.8018	1403.8	5.77	1.8009	1403.7
		125			126			127			128	
		[344;4]			[345.0]			[345.6]			[346.2]	
Sat.	3.59	[344:4]	1192.0	3.57	[345.0]	1192.1	3.54	[345.6]	1192.3	3.51	[346.2]	1192.4
350	3.63	[344:4] 1.5858 1.5899	1195.3	3.60	[345.0] 1.5852 1.5888	1195.1	3.54	[345.6] 1.5845 1.5877	1194.9	3.51 3.54	[346.2] 1.5838 1.5866	1192.4
<b>350</b> , 360	3.63 3.69	[344:4] 1.5858 1.5899 1.5970	1195.3	3.60 3.66	[345.0] 1.5852 1.5888 1.5959	1195.1	3·54 .3·57 3.62	[345.6] 1.5845 1.5877 1.5948	1194.9	3.51 3.54 3.59	[346.2] 1.5838 1.5866 1.5937	1192.4 1194.6 1200.4
<b>350</b> , 360, 370	3.63 3.69 3.75	[344:4] 1.5858 1.5899 1.5970 1.6039	1195.3 1201.1 1206.8	3.60 3.66 3.71	[345.0] 1.5852 1.5888 1.5959 1.6028	1195.1 1200.9 1206.6	3·54 .3·57 3.62 3.68	[345.6] 1.5845 1.5877 1.5948 1.6017	1194.9 1200.7 1206.4	3.51 3.54 3.59 3.65	[346.2] 1.5838 1.5866 1.5937 1.6007	1192.4 1194.6 1200.4 1206.2
350 360 370 380	3.63 3.69 3.75 3.80	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106	1195.3 1201.1 1206.8 1212.4	3.60 3.66 3.71 3.77	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096	1195.1 1200.9 1206.6 1212.2	3·54 .3·57 3·62 3·68 3·74	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085	1194.9 1200.7 1206.4 1212.0	3.51 3.54 3.59 3.65 3.71	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075	1192.4 1194.6 1200.4 1206.2 1211.9
350 360 370 380 390	3.63 3.69 3.75 3.80 3.86	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172	1195.3 1201.1 1206.8 1212.4 1218.0	3.60 3.66 3.71 3.77 3.83	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162	1195.1 1200.9 1206.6 1212.2 1217.8	3.54 .3.57 3.62 3.68 3.74 3.80	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151	1194.9 1200.7 1206.4 1212.0 1217.6	3.51 3.54 3.59 3.65 3.71 3.77	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5
350 360 370 380 390 400	3.63 3.69 3.75 3.80 3.86	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237	1195.3 1201.1 1206.8 1212.4 1218.0	3.60 3.66 3.71 3.77 3.83	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227	1195.1 1200.9 1206.6 1212.2 1217.8	3.54 .3.57 3.62 3.68 3.74 3.80 3.85	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216	1194.9 1200.7 1206.4 1212.0 1217.6	3.51 3.54 3.59 3.65 3.71 3.77 3.82	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5
350 360 370 380 390 400 410	3.63 3.69 3.75 3.80 3.86 3.92 3.97	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6301	1195.3 1201.1 1206.8 1212.4 1218.0	3.60 3.66 3.71 3.77 3.83 3.88 3.94	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291	1195.1 1200.9 1206.6 1212.2 1217.8	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281	1194.9 1200.7 1206.4 1212.0 1217.6	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5
350 360 370 380 390 400 410 420	3.63 3.69 3.75 3.80 3.86 3.92 3.97 4.03	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6301 1.6363	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6227 1.6291 1.6353	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0
350 360 370 380 390 400 410 420 430	3.63 3.69 3.75 3.80 3.86 3.92 3.97 4.03 4.08	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6363 1.6424	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394	1192.4 1194.6 1200.4 1206.2 1211.9 1227.5 1228.5 1228.5 1234.0
350, 360 370 380 390 400 410 420 430 440	3.63 3.69 3.75 3.80 3.86 3.92 3.97 4.03 4.08	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.62291 1.6353 1.6414 1.6474	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6226 1.6281 1.6343 1.6404 1.6464	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1234.2 1239.6 1245.0	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8
350, 360, 370, 380, 390, 410, 420, 430, 440, 450	3.63 3.69 3.75 3.80 3.86 3.92 3.97 4.03 4.08 4.14	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6474	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6464	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8
350, 360, 370, 380, 390, 410, 420, 430, 440, 460, 460, 460, 460, 460, 460, 46	3.63 3.69 3.75 3.80 3.86 3.92 3.97 4.03 4.08 4.14 4.19 4.25	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6337 1.6363 1.6424 1.6484 1.6543 1.6601	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10	[345.0]  1.5852  1.5888  1.5959 1.6028 1.6096 1.6162 1.6227 1.62291 1.6353 1.6414 1.6533 1.6591	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.62281 1.6343 1.6404 1.6464 1.6523 1.6523	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572	1192.4 1194.6 1200.4 1206.2 1211.9 1227.5 1228.5 1228.0 1239.4 1244.8
350, 360 370 380 390 410 420 430 440 450 460 470	3.63 3.69 3.75 3.80 3.86 3.92 3.97 4.03 4.08 4.14 4.19 4.25 4.30	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6363 1.6424 1.6484 1.6563 1.6658	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.21	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.62291 1.6353 1.6414 1.6533 1.6591 1.6648	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6523 1.6523 1.6581 1.6539	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1238.7 1234.2 1239.6 1245.0	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.20	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6552 1.6629	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1244.8 1250.2 1255.5 1260.8
350, 360, 370, 380, 390, 410, 420, 430, 440, 450, 460, 470, 480, 480, 480, 480, 480, 480, 480, 48	3.63 3.69 3.75 3.86 3.86 3.92 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.35	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484 1.6543 1.66058 1.6658	1195.3 1201.1 1206.4 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6227 1.6229 1.6353 1.6414 1.6533 1.6533 1.6548 1.6548	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1255.8 1261.1 1266.3	3.54 3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6464 1.6523 1.6523 1.6639 1.6695	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1250.3 1250.9 1260.9	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.93 4.04 4.09 4.14 4.20 4.25	[346.2]  1.5838  1.5866  1.5937  1.6007  1.6141  1.6206  1.6271  1.6333  1.6394  1.6457  1.6513  1.6572  1.6629  1.6685	1192.4 1194.6 1200.4 1206.2 1211.9 1227.5 1223.0 1228.5 1239.4 1244.8 1250.2 1255.5 1260.8 1266.1
350, 360 370 380 390 410 420 430 440 450 460 470 480 490	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.35 4.41	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6391 1.6363 1.6424 1.6543 1.6661 1.6658 1.6774 1.6770	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6474 1.6533 1.6591 1.6648 1.6704 1.6760	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23	[345.6]  1.5845  1.5877  1.5948 1.6017 1.6085 1.6151 1.62216 1.6281 1.6343 1.6404 1.6523 1.6581 1.6639 1.6695 1.6750	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4	3.51 3.54 3.59 3.65 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.20 4.25 4.30	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6629 1.6685 1.6740	1192.4 1194.6 1200.4 1206.2 1211.9 1227.5 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1261.1
350, 360 370 380 390 410 420 430 440 450 460 470 480 490 500	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.35 4.41	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6363 1.6424 1.6484 1.6563 1.66714 1.6670 1.6670	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.62291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6760	1195.1 1200.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6286 1.6281 1.6343 1.6404 1.6523 1.6581 1.6639 1.6695 1.6750	1194.9 1206.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4	3.51 3.54 3.59 3.65 3.71 3.82 3.88 3.98 4.04 4.09 4.14 4.20 4.25 4.30 4.35	[346.2]  1.5838  1.5866  1.5937  1.6007  1.6141  1.6206  1.6271  1.6333  1.6394  1.6454  1.6513  1.6572  1.6629  1.6685  1.6740	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.6 1239.4 1244.8 1250.2 1255.5 1260.8 1266.1 1271.3
350, 360 370 380 390 410 420 430 440 450 460 470 480 490 510	3.63 3.69 3.75 3.80 3.86 3.92 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.35 4.41	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6301 1.6362 1.6484 1.6543 1.66601 1.6658 1.6714 1.6770	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6533 1.6591 1.6648 1.6704 1.6760 1.6814 1.6868	1195.1 1200.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6523 1.6598 1.6639 1.6695 1.6750 1.6805 1.6805	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1238.7 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.20 4.25 4.30 4.35	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141  1.6206 1.6271 1.6333 1.6394 1.6573 1.6573 1.6574 1.6573 1.6574 1.6573 1.65740 1.6795 1.6849	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1239.4 1244.8 1250.2 1250.8 1266.1 1271.3 1276.5 1281.7
350, 360, 370, 380, 390, 410, 420, 430, 440, 450, 460, 470, 480, 490, 510, 520, 520, 520, 520, 520, 520, 520, 52	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.35 4.35 4.41	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.6665 1.6770 1.6824 1.6878 1.6878	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.21 4.32 4.37 4.42 4.48 4.53	[345.0]  1.5852  1.5888  1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6760	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.54 3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.07 4.12 4.12 4.23 4.28 4.34 4.39 4.44 4.49	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6226 1.6281 1.6343 1.6464 1.6523 1.6523 1.65639 1.6695 1.6655 1.6855 1.6859 1.6859 1.6859	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.2 1271.4	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.20 4.25 4.30 4.35 4.40 4.46	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.65513 1.6572 1.6685 1.6740 1.6795 1.6849 1.6902	1192.4 1194.6 1200.4 1206.2 1211.9 1223.0 1228.5 1234.0 1239.4 1250.2 1255.5 1260.8 1266.1 1271.3 1276.5 1281.7 1286.9
350, 360, 370, 380, 390, 410, 420, 430, 440, 450, 460, 470, 480, 490, 510, 520, 530, 530, 530, 530, 530, 530, 530, 53	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.41 4.46 4.51 4.56 4.62	1.5858 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.66543 1.66543 1.66543 1.66543 1.6658 1.6774 1.6878 1.68878 1.6983 1.6983	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1271.7 1276.9 1282.0 1287.2 1292.4	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.37 4.42 4.37 4.48 4.53 4.53	[345.0]  1.5852  1.5888  1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6700	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5 1276.7 1281.9 1287.1 1292.3	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.28 4.34 4.49 4.44 4.49	1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6281 1.6343 1.6464 1.6523 1.6581 1.6639 1.6695 1.6750 1.6885 1.6889 1.6981 1.6984	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4 1276.6 1281.8 1287.0 1292.2	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.25 4.30 4.35 4.40 4.46 4.51	[346.2]  1.5838  1.5866  1.5937  1.6007  1.6075  1.6141  1.6206  1.6271  1.6333  1.6394  1.6454  1.6513  1.6572  1.6629  1.6685  1.6740  1.6795  1.6849  1.6992	1192.4 1194.6 1200.4 1206.2 1211.9 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1271.3 1276.5 1281.7 1286.9 1292.1
350, 360, 370, 380, 390, 410, 420, 430, 440, 460, 470, 480, 490, 510, 520, 520, 520, 520, 520, 520, 520, 52	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.35 4.35 4.41	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.6665 1.6770 1.6824 1.6878 1.6878	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.21 4.32 4.37 4.42 4.48 4.53	[345.0]  1.5852  1.5888  1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6760	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.54 3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.07 4.12 4.12 4.23 4.28 4.34 4.39 4.44 4.49	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6226 1.6281 1.6343 1.6464 1.6523 1.6523 1.65639 1.6695 1.6655 1.6855 1.6859 1.6859 1.6859	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.2 1271.4	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.20 4.25 4.30 4.35 4.40 4.46	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.65513 1.6572 1.6685 1.6740 1.6795 1.6849 1.6902	1192.4 1194.6 1200.4 1206.2 1211.9 1223.0 1228.5 1234.0 1239.4 1250.2 1255.5 1260.8 1266.1 1271.3 1276.5 1281.7 1286.9
350, 360, 370, 380, 390, 410, 420, 430, 440, 450, 460, 470, 480, 490, 510, 520, 530, 530, 530, 530, 530, 530, 530, 53	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.35 4.41 4.46 4.51 4.62 4.67	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6363 1.6424 1.6484 1.6543 1.6658 1.6714 1.6770 1.6824 1.6878 1.6931 1.6983 1.7034	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1271.7 1276.9 1282.0 1287.2 1292.4	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37 4.48 4.53 4.63	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6868 1.6921 1.6973 1.7025	1195.1 1200.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5 1276.7 1281.9 1287.1 1292.3 1297.4	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.39 4.44 4.49 4.54 4.59	1.5845 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6281 1.6343 1.6404 1.6523 1.6581 1.6639 1.6695 1.6750 1.6859 1.6859 1.6964 1.7015	1194.9 1206.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4 1276.6 1281.8 1287.0 1292.2 1297.3	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.25 4.30 4.35 4.40 4.46 4.51	[346.2]  1.5838  1.5866  1.5937  1.6007  1.6141  1.6206  1.6271  1.6333  1.6394  1.6454  1.6513  1.6572  1.6685  1.6740  1.6795  1.6849  1.6902  1.6905  1.7006	1192.4 1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1239.4 1244.8 1250.2 1255.5 1266.1 1271.3 1276.5 1281.7 1286.9 1292.1 1297.2
350, 360 370 380 390 410 420 430 440 450 450 450 510 520 530 540	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.35 4.41 4.46 4.51 4.56 4.62 4.67	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.66601 1.6658 1.6714 1.6770 1.6824 1.6878 1.6931 1.6983 1.7034	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1271.7 1276.9 1282.0 1287.2 1292.4 1297.5	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37 4.48 4.53 4.63 4.68	[345.0]  1.5852  1.5888  1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474 1.6533 1.6591 1.6648 1.6704 1.6868 1.6921 1.6973 1.7025	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1251.8 1261.1 1266.3 1271.5	3.54 3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.49 4.54 4.59 4.65	1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6464 1.6523 1.6639 1.6695 1.6695 1.6805 1.6805 1.6805 1.6964 1.7015	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4 1276.6 1281.8 1287.0 1292.2 1297.3	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.20 4.25 4.30 4.35 4.40 4.46 4.51 4.56	[346.2]  1.5838  1.5866  1.5937  1.6007  1.6141  1.6206  1.6271  1.6333  1.6394  1.6454  1.6513  1.6573  1.6629  1.6685  1.6740  1.6795  1.6849  1.6902  1.6955  1.7006	1192.4 1194.6 1200.4 1206.2 1211.9 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1271.3 1276.5 1281.7 1286.9 1292.1
350, 360, 370, 380, 390, 410, 420, 430, 440, 450, 460, 470, 480, 490, 510, 520, 530, 540, 550	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.35 4.41 4.46 4.51 4.62 4.67	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6363 1.6424 1.6484 1.6543 1.6658 1.6714 1.6770 1.6824 1.6878 1.6931 1.6983 1.7034	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1271.7 1276.9 1282.0 1287.2 1292.4	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37 4.48 4.53 4.63	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6868 1.6921 1.6973 1.7025	1195.1 1200.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5 1276.7 1281.9 1287.1 1292.3 1297.4	3.54 .3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.39 4.44 4.49 4.54 4.59	1.5845 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6281 1.6343 1.6404 1.6523 1.6581 1.6639 1.6695 1.6750 1.6859 1.6859 1.6964 1.7015	1194.9 1206.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4 1276.6 1281.8 1287.0 1292.2 1297.3	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.93 4.04 4.20 4.25 4.30 4.35 4.40 4.46 4.51 4.56 4.61	[346.2]  1.5838  1.5866  1.5937  1.6007  1.6141  1.6206  1.6271  1.6333  1.6394  1.6454  1.6513  1.6572  1.6685  1.6740  1.6795  1.6849  1.6902  1.6905  1.7006	1192.4 1194.6 1200.4 1206.2 1211.9 1227.5 1223.0 1228.5 1239.4 1244.8 1250.2 1255.5 1266.1 1271.3 1276.5 1281.7 1286.9 1292.1 1297.2
350, 360, 370, 380, 390, 410, 420, 430, 440, 450, 460, 470, 520, 530, 540, 550, 600, 600, 600, 600, 600, 600, 60	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.35 4.41 4.46 4.51 4.56 4.62 4.67	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.6665 1.6770 1.6824 1.6878 1.6983 1.7034 1.7085 1.7085 1.7085	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1271.7 1276.9 1287.2 1292.4 1297.5 1302.6 1328.0	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.37 4.43 4.53 4.58 4.63 4.68 4.94	[345.0]  1.5852  1.5888  1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6868 1.6921 1.6973 1.7025 1.7076 1.7322	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5 1287.1 1292.3 1297.4	3.54 3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.49 4.54 4.59 4.65 4.90	1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6464 1.6523 1.6523 1.65639 1.6695 1.6695 1.6859 1.6964 1.7015 1.7066 1.7015	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.2 1271.4 1276.6 1281.8 1287.0 1292.2 1297.3	3.51 3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.25 4.30 4.35 4.46 4.51 4.56 4.61 4.86	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.65513 1.6572 1.6685 1.6740 1.6795 1.6849 1.6902 1.6955 1.7006 1.7057 1.7303	1192.4 1194.6 1200.4 1206.2 1211.9 1223.0 1228.5 1234.0 1239.4 1255.5 1260.8 1250.2 1260.8 1271.3 1276.5 1281.7 1286.9 1292.1 1297.2
350, 360, 370, 380, 390, 410, 420, 430, 440, 450, 450, 500, 520, 530, 540, 650, 650, 650, 650, 650, 650, 650, 65	3.63 3.69 3.75 3.80 3.86 3.97 4.03 4.08 4.14 4.19 4.25 4.30 4.35 4.41 4.46 4.51 4.56 4.62 4.67	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.6663 1.6774 1.6878 1.6978 1.6983 1.7034 1.7085 1.7332 1.7565	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7 1276.9 1282.0 1282.0 1292.4 1297.5	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37 4.48 4.53 4.63 4.63 4.68 4.94 5.19	[345.0]  1.5852  1.5888  1.5959 1.6028 1.6096 1.6162 1.6227 1.6221 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6760  1.6814 1.6973 1.7025 1.7076 1.7322 1.7555	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5 1276.7 1287.9 1287.9 1287.1 1292.3 1297.4	3.54 3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.49 4.54 4.59 4.65 4.90 5.15	1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6523 1.6581 1.6639 1.6695 1.6805 1.6805 1.6895 1.6912 1.6912 1.7066 1.7015	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1255.6 1260.9 1266.2 1271.4 127.6 1281.8 1287.0 1292.2 1297.3	3.51 3.54 3.59 3.65 3.77 3.82 3.88 3.98 4.04 4.09 4.14 4.20 4.25 4.30 4.35 4.40 4.45 4.56 4.61 4.86 5.11	[346.2]  1.5838  1.5866  1.5937  1.6007  1.6075  1.6141  1.6206  1.6271  1.6333  1.6394  1.6454  1.6513  1.6572  1.6685  1.6740  1.6795  1.6849  1.6955  1.7006  1.7057  1.7303	1192.4 1194.6 1200.4 1206.2 1211.9 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1266.1 1271.3 1276.5 1281.7 1286.9 1297.2 1302.3 1327.8 1327.8

Pres- sure		<b>113</b> [336.8]			<b>114</b> [337.4]			115 [338.1]			<b>116</b> [338.7]	
Temp	v	s	i	v	s	i	v	s	i	V	S	i
Sat.	3.95	1.5943	1190.4	3.92	1.5935	1190.6	3.89	1.5928	1190.7	3.86	1.5921	1190.8
340	3.98	1.5965	1192.2	3.94	1.5953	1192.0	3.90	1.5941	1191.8	3.87	1.5929	1191.6
350	4.04	1.6036	1197.9	4.00	1.6024	1197.7	3.97	1.6012	1197.5	3.93	1.6000	1197.3
360	4.10	1.6105	1203.6	4.07	1.6094	1203.4	4.03	1.6082	1203.2	-3.99	1.6070	1203.0
370 380	4.17 4.23	1.6240	1209.2	4.13	1.6228	1209.0	4.09	1.6217	1214.3	4.05	1.6205	1214.2
390	4.29	1.6305	1220.2	4.25	1.6293	1220.0	4.21	1.6282	1219.8	4.18	1.6270	1219.7
400	4.35	1.6368	1225.6	4.31	1.6357	1225.5	4.27	1.6346	1225.3	4.24	1.6334	1225.1
410	4.42 4.48	1.6431	1231.0	4.38	1.6419	1230.9	4.34	1.6408	1230.7	4.30	1.6397	1230.5
420	4.40	1.6552	1236.4	4.44	1.6541	1236.2	4.40	1.6470	1236.1	4.36	1.6459	1235.9
440	4.60	1.6611	1247.0	4.56	1.6600	1246.9	4.52	1.6589	1246.7	4.47	1.6578	1246.6
450	4.66	1.6669	1252.3	4.62	1.6658	1252.1	4.57	1.6647	1252.0	4.53	1.6636	1251.9
460	4.72	1.6726	1257.5	4.67	1.6715	1257.4	4.63	1.6704	1257.2	4.59	1.6694	1257.1
470 480	4.77	1.6783	1262.7	4.73 4.79	1.6772	1262.6	4.69	1.6761	1262.4	4.65	1.6750	1262.3
490	4.89	1.6893	1273.0	4.79	1.6882	1272.9	4.80	1.6871	1272.8	4.76	1.6861	1272.7
500	4.95	1.6947	1278.2	4.91	1.6936	1278.1	4.86	1.6925	1278.0	4.82	1.6914	1277.9
550	5.23	1.7205	1303.7	5.19	1.7195	1303.6	5.14	1.7184	1303.5	5.10	1.7174	1303.4
600 650	5.51 5.79	1.7449	1328.9	5·47 5·74	1.7439	1328.8	5.42	1.7429	1328.8	5.37 5.64	1.7419	1328.7
700	6.07	1.7902	1379.1	6.01	1.7892	1379.0	5.96	1.7882	1353.9	5.91	1.7872	1378.9
750	6.34	1.8115	1404.2	6.28	1.8104	1404.2	6.23	1.8094	1404.1	6.17	1.8084	1404.1
800	6.61 6.88	1.8319	1429.4	6.55	1.8308	1429.4	6.49	1.8298	1429.4	6.44	1.8289	1429.3
850 900	7.14	1.8707	1454.8	6.8 <sub>2</sub> 7.08	1.8506	1454.8	6.76 7.02	1.8496	1454.8	6.70 6.96	1.8487	1454.7
	, .						'			_		
		117		1	110			110			190	
		<b>117</b> [339.4]			<b>118</b> [340.0]			119 [340.6]			120 [341.3]	
Sat.	3.83		1191.0	3.80		1191.1	3.77		1191.2	3.74		1191.4
	3.83	[339-4]	1191.0	3.80 3.86	[340.0]	1191.1	3.77	[340.6]	1191.2	3.79	[341.3]	1191.4
Sat. 350 360	3.89 3.96	[339.4] 1.5914 1.5989 1.6059	1197.1	3.86 3.92	[340.0] 1.5907 1.5977 1.6047	1196.9	3.82 3.88	[340.6] 1.5900 1.5966 1.6036	1196.6	3·79 3·85	[341.3] 1.5893 1.5955 1.6025	1196.4
Sat. 350 360 370	3.89 3.96 4.02	[339.4] 1.5914 1.5989 1.6059 1.6127	1197.1 1202.8 1208.4	3.86 3.92 3.98	[340.0] 1.5907 1.5977 1.6047 1.6116	1196.9 1202.6 1208.2	3.82 3.88 3.95	[340.6] 1.5900 1.5966 1.6036 1.6105	1196.6 1202.3 1208.0	3.79 3.85 3.91	[341.3] 1.5893 1.5955 1.6025 1.6094	1196.4 1202.1 1207.8
Sat. 350 360	3.89 3.96	[339.4] 1.5914 1.5989 1.6059	1197.1	3.86 3.92	[340.0] 1.5907 1.5977 1.6047	1196.9	3.82 3.88	[340.6] 1.5900 1.5966 1.6036	1196.6	3·79 3·85	[341.3] 1.5893 1.5955 1.6025	1196.4
Sat. 350 360 370 380 390 400	3.89 3.96 4.02 4.08 4.14	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323	1197.1 1202.8 1208.4 1214.0 1219.5	3.86 3.92 3.98 4.04 4.10	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312	1196.9 1202.6 1208.2 1213.8 1219.3	3.82 3.88 3.95 4.01 4.07	[340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301	1196.6 1202.3 1208.0 1213.6 1219.1	3.79 3.85 3.91 3.97 4.03	[341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291	1196.4 1202.1 1207.8 1213.4 1218.9
Sat.  350 360 370 380 390 400 410	3.89 3.96 4.02 4.08 4.14 4.20 4.26	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386	1197.1 1202.8 1208.4 1214.0 1219.5	3.86 3.92 3.98 4.04 4.10 4.16 4.22	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312 1.6375	1196.9 1202.6 1208.2 1213.8 1219.3	3.82 3.88 3.95 4.01 4.07 4.12 4.18	1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0	3.79 3.85 3.91 3.97 4.03 4.09 4.15	[341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291 1.6354	1196.4 1202.1 1207.8 1213.4 1218.9
Sat.  350 360 370 380 390 400 410 420	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312 1.6375 1.6437	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24	[340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21	[341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291 1.6354 1.6415	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3
Sat.  350 360 370 380 390 400 410	3.89 3.96 4.02 4.08 4.14 4.20 4.26	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386	1197.1 1202.8 1208.4 1214.0 1219.5	3.86 3.92 3.98 4.04 4.10 4.16 4.22	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312 1.6375	1196.9 1202.6 1208.2 1213.8 1219.3	3.82 3.88 3.95 4.01 4.07 4.12 4.18	1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0	3.79 3.85 3.91 3.97 4.03 4.09 4.15	[341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291 1.6354	1196.4 1202.1 1207.8 1213.4 1218.9
Sat. 350 360 370 380 390 410 420 430 440	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43	[339.4]  1.5914  1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6567	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312 1.6375 1.6437 1.6497 1.6556	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36	[340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32	[341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291 1.6354 1.6476 1.6536	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0
Sat. 350 360 370 380 390 410 420 430 440 450 460	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6567	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40	[340.0]  1.5907  1.5977 1.6047 1.6116 1.6183 1.6248  1.6372 1.6437 1.6497 1.6556	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43	[3413] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291 1.6354 1.6476 1.6536 1.6536	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0
Sat.  350 360 370 380 390  410 420 430 440  450 460 470	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6383 1.6386 1.6448 1.6508 1.6567	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1241.1 1246.4	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6372 1.6497 1.6556 1.6655 1.6672 1.6729	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237  1.6364 1.6426 1.6486 1.6546  1.6605 1.6605 1.672	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1235.0 1235.4 1240.8 1246.1	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.49	[341.3] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6354 1.6476 1.6476 1.6536 1.6594 1.6652 1.6709	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0
Sat. 350 360 370 380 390 410 420 430 440 450 460	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6567	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40	[340.0]  1.5907  1.5977 1.6047 1.6116 1.6183 1.6248  1.6372 1.6437 1.6497 1.6556	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43	[3413] 1.5893 1.5955 1.6025 1.6094 1.6161 1.6226 1.6291 1.6354 1.6476 1.6536 1.6536	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0
Sat. 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.45 4.61 4.66 4.72	[339.4]  1.5914  1.5989 1.6059 1.6127 1.6194 1.6259 1.6386 1.6488 1.6567  1.6626 1.6683 1.6740 1.6796 1.6850 1.6904	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.57 4.62 4.68	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6133 1.6248 1.6375 1.6497 1.6556 1.6672 1.6729 1.6785 1.6840 1.6894	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3 1256.8 1262.1 1267.3 1272.5	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237  1.6364 1.6486 1.6486 1.6546  1.6605 1.6719 1.6775 1.6830  1.6884	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1 1251.4 1256.7 1261.9 1267.1 1272.3	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.49 4.54 4.60	[3413]  1.5893  1.5955 1.6025 1.6094 1.6161 1.6226  1.6291 1.6354 1.6476 1.6536  1.6594 1.6652 1.6709 1.6765 1.6820	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1272.2
Sat.  350 360 370 380 390  400 410 420 430 440 450 460 470 480 490 510	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.45 4.61 4.66 4.72	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6567 1.6626 1.6683 1.6740 1.6796 1.6850 1.6904 1.6957	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.57 4.62 4.68	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312 1.6375 1.6497 1.6556 1.6615 1.6729 1.6729 1.6785 1.6844 1.6894	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3 1251.6 1256.8 1262.1 1267.3 1272.5	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64	[340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546 1.6605 1.6719 1.6775 1.6830 1.6884 1.6937	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1251.4 1256.7 1261.9 1267.1 1272.3	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.32 4.38 4.43 4.49 4.54 4.60	[341.3]  1.5893  1.5955 1.6025 1.6094 1.6161 1.6226  1.6354 1.6476 1.6536  1.6594 1.6652 1.6709 1.6765 1.6820  1.6874 1.6927	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1272.2
Sat.  350 360 370 380 390  400 410 420 430 440 450 470 480 490  500 510 520	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72 4.77 4.83 4.89	[339.4]  1.5914  1.5989 1.6059 1.6127 1.6194 1.6259  1.6323 1.6386 1.6508 1.6508 1.6626 1.6683 1.6740 1.66850  1.6904 1.6957 1.7009	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.51 4.67 4.68 4.73 4.79 4.84	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6375 1.6437 1.6556 1.6615 1.672 1.672 1.6785 1.6894 1.6947 1.6999	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1251.6 1256.8 1262.1 1267.3 1272.5	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64 4.69 4.75 4.80	[340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6364 1.6426 1.6426 1.6546 1.6565 1.6719 1.6775 1.6830 1.6884 1.6937 1.6989	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1240.8 1246.1 1251.4 1255.7 1261.9 1267.1 1272.3	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.43 4.54 4.60	[3413]  1.5893  1.5955 1.6025 1.6094 1.6161 1.6226  1.6354 1.6415 1.6536  1.6594 1.6652 1.6709 1.6765 1.6820	1196.4 1202.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1277.4 1282.6 1287.7
Sat.  350 360 370 380 390  400 410 420 430 440 450 460 470 480 490 510	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.43 4.45 4.61 4.66 4.72	[339.4] 1.5914 1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6567 1.6626 1.6683 1.6740 1.6796 1.6850 1.6904 1.6957	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1230.4 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.57 4.62 4.68	[340.0] 1.5907 1.5977 1.6047 1.6116 1.6183 1.6248 1.6312 1.6375 1.6497 1.6556 1.6615 1.6729 1.6729 1.6785 1.6844 1.6894	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3 1251.6 1256.8 1262.1 1267.3 1272.5	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64	[340.6] 1.5900 1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546 1.6605 1.6719 1.6775 1.6830 1.6884 1.6937	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.1 1251.4 1256.7 1261.9 1267.1 1272.3	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.32 4.38 4.43 4.49 4.54 4.60	[341.3]  1.5893  1.5955 1.6025 1.6094 1.6161 1.6226  1.6354 1.6476 1.6536  1.6594 1.6652 1.6709 1.6765 1.6820  1.6874 1.6927	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1272.2
Sat.  350 360 370 380 390  410 420 430 440  450 470 480 490  510 520 530 540	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72 4.77 4.83 4.89 4.94 5.00 5.05	[339.4]  1.5914  1.5989 1.6059 1.6127 1.6194 1.6259  1.6323 1.6386 1.6567 1.6626 1.6683 1.6740 1.6796 1.6850 1.6904 1.6957 1.7009 1.7061 1.7113	1197.1 1202.8 1202.8 1214.0 1219.5 1225.0 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1272.6	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.51 4.62 4.68 4.73 4.84 4.90 4.95 5.01	[340.0]  1.5907  1.5977 1.6047 1.6116 1.6183 1.6248  1.6375 1.6437 1.6556  1.6615 1.6729 1.6729 1.6785 1.6840  1.6894 1.6947 1.6999 1.7051 1.7103	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1251.6 1256.8 1262.1 1267.3 1272.5	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64 4.69 4.75 4.80 4.86 4.91	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237  1.6364 1.6486 1.6546  1.6605 1.6719 1.6775 1.6830  1.6884 1.6937 1.6989 1.7041 1.7093	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1230.0 1235.4 1246.8 1246.1 1251.4 1255.7 1261.9 1267.1 1272.3 1277.5 1282.7 1282.8 1292.9 1298.0	3.79 3.85 3.91 3.97 4.03 4.15 4.21 4.26 4.32 4.38 4.43 4.43 4.54 4.60 4.65 4.71 4.76 4.82 4.87	[3413]  1.5893  1.5955 1.6025 1.6094 1.6161 1.6226  1.6354 1.6476 1.6536  1.6594 1.6652 1.6709 1.6765 1.6820  1.6874 1.6927 1.6980 1.7032 1.7083	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1272.2
Sat. 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 510 520 530 540 550 600	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72 4.77 4.83 4.89 4.94 5.00 5.05 5.32	[339.4]  1.5914  1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6567  1.6626 1.6683 1.6740 1.6796 1.6850 1.6904 1.6957 1.7061 1.7113	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1277.7 1282.9 1293.1 1298.2	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.51 4.62 4.68 4.73 4.79 4.84 4.90 4.95 5.01 5.28	[340.0]  1.5907  1.5977 1.6047 1.6116 1.6183 1.6248  1.6312 1.6375 1.6437 1.6497 1.6556  1.6672 1.6729 1.6785 1.6840 1.6894 1.6949 1.7051 1.7103	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3 1251.6 1256.8 1262.1 1267.3 1277.6 1282.8 1293.0 1298.1	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64 4.69 4.75 4.86 4.91	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237  1.6301 1.6364 1.6426 1.6486 1.6546  1.6605 1.6679 1.6775 1.6880 1.6884 1.6937 1.6989 1.7041 1.7093	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1235.4 1240.8 1246.1 1251.4 1256.7 1261.9 1267.1 1272.3 1277.5 1282.7 1282.8 1292.9 1298.0 1303.1 1328.5	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.49 4.54 4.60 4.65 4.71 4.76 4.82 4.87 4.92 5.19	[3413]  1.5893  1.5955 1.6025 1.6024 1.6161 1.6226  1.6291 1.6354 1.6476 1.6536  1.6594 1.6652 1.6709 1.6765 1.6874 1.6927 1.6980 1.7032 1.7083	1196.4 1202.1 1207.8 1213.4 1218.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1277.4 1282.6 1282.6 1287.7 1292.8 1297.9
Sat.  350 360 370 380 390  400 410 420 430 440  450 460 470 480 490  510 520 530 540  550 600 650	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72 4.77 4.83 4.89 4.94 5.00 5.05 5.32 5.59	[339.4]  1.5914  1.5989 1.6059 1.6127 1.6194 1.6259 1.6328 1.6328 1.6567  1.6626 1.6683 1.6740 1.6796 1.6850 1.7061 1.7061 1.7113	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1277.7 1282.9 1288.0 1298.2	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.57 4.62 4.68 4.73 4.79 4.84 90 4.95 5.01 5.28 5.54	[340.0]  1.5907  1.5977 1.6047 1.6116 1.6183 1.6248  1.6372 1.6497 1.6556  1.6672 1.6729 1.6785 1.6840  1.6894 1.6999 1.7051 1.7103	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1251.6 1256.8 1262.1 1267.3 1272.5 1277.6 1282.8 1287.9 1293.0 1298.1	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64 4.69 4.75 4.86 4.91 4.97 5.23 5.50	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237 1.6301 1.6364 1.6426 1.6486 1.6546  1.6605 1.6675 1.6830 1.6884 1.6937 1.7041 1.7093 1.7144 1.7389	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1235.4 1240.8 1246.1 1251.4 1256.7 1261.9 1267.1 1277.3 1277.5 1287.8 1292.9 1298.0	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.49 4.56 4.76 4.82 4.87 4.92 5.19 5.45	[3413]  1.5893  1.5955 1.6025 1.6094 1.6161 1.6226  1.6291 1.6354 1.6476 1.6536  1.6594 1.6652 1.6709 1.6765 1.6820  1.6820  1.6821 1.7032 1.7032 1.7033	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1272.2 1277.4 1282.6 1287.7 1292.8 1297.9
Sat. 350 360 370 380 390 400 420 430 440 450 460 470 480 490 510 520 530 540 550 600	3.89 3.96 4.02 4.08 4.14 4.20 4.26 4.32 4.38 4.43 4.49 4.55 4.61 4.66 4.72 4.77 4.83 4.89 4.94 5.00 5.05 5.32	[339.4]  1.5914  1.5989 1.6059 1.6127 1.6194 1.6259 1.6323 1.6386 1.6448 1.6508 1.6567  1.6626 1.6683 1.6740 1.6796 1.6850 1.6904 1.6957 1.7061 1.7113	1197.1 1202.8 1208.4 1214.0 1219.5 1225.0 1235.8 1241.1 1246.4 1251.7 1257.0 1262.2 1267.4 1277.7 1282.9 1293.1 1298.2	3.86 3.92 3.98 4.04 4.10 4.16 4.22 4.28 4.34 4.40 4.45 4.51 4.51 4.62 4.68 4.73 4.79 4.84 4.90 4.95 5.01 5.28	[340.0]  1.5907  1.5977 1.6047 1.6116 1.6183 1.6248  1.6312 1.6375 1.6437 1.6497 1.6556  1.6672 1.6729 1.6785 1.6840 1.6894 1.6949 1.7051 1.7103	1196.9 1202.6 1208.2 1213.8 1219.3 1224.8 1230.2 1235.6 1241.0 1246.3 1251.6 1256.8 1262.1 1267.3 1277.6 1282.8 1293.0 1298.1	3.82 3.88 3.95 4.01 4.07 4.12 4.18 4.24 4.30 4.36 4.41 4.47 4.53 4.58 4.64 4.69 4.75 4.86 4.91	[340.6]  1.5900  1.5966 1.6036 1.6105 1.6172 1.6237  1.6301 1.6364 1.6426 1.6486 1.6546  1.6605 1.6679 1.6775 1.6880 1.6884 1.6937 1.6989 1.7041 1.7093	1196.6 1202.3 1208.0 1213.6 1219.1 1224.6 1235.4 1240.8 1246.1 1251.4 1256.7 1261.9 1267.1 1272.3 1277.5 1282.7 1282.8 1292.9 1298.0 1303.1 1328.5	3.79 3.85 3.91 3.97 4.03 4.09 4.15 4.21 4.26 4.32 4.38 4.43 4.49 4.54 4.60 4.65 4.71 4.76 4.82 4.87 4.92 5.19	[3413]  1.5893  1.5955 1.6025 1.6024 1.6161 1.6226  1.6291 1.6354 1.6476 1.6536  1.6594 1.6652 1.6709 1.6765 1.6874 1.6927 1.6980 1.7032 1.7083	1196.4 1202.1 1207.8 1213.4 1218.9 1224.4 1229.9 1235.3 1240.7 1246.0 1251.3 1256.6 1261.8 1267.0 1277.4 1282.6 1287.7 1292.8 1297.9

Pr		<b>121</b> [341.9]			122 [342.5]			<b>123</b> [343.1]			124 [343-7]	
Te	np v	s	i	V	s	i	<b>v</b>	S	i		S	i
Sa	t. 3.71	1.5886	1191.5	3.68	1.5879	1191.6	3.65	1.5872	1191.8	3.62	1.5865	1191.9
35	0 3.76	1.5943	1196.2	3.72	1.5932	1196.0	3.69	1.5921	1195.7	3.66	1.5910	1195.5
36		1.6013	1201.9	3.78	1.6002	1201.7	3.75	1.5991	1201.5	3.72	1.5980	1201.3
37		1.6082	1207.6	3.84	1.6071	1207.4	3.81	1.6060	1207.2	3.78	1.6049	1207.0
38		1.6150	1213.2	3.90	1.6139	1213.0	3.87	1.6128	1212.8	3.84	1.6117	1212.6
39		1.6216	1218.8	3.96	1.6205	1218.6	3.93	1.6194	1218.4	3.89	1.6183	1218.2
40	0 4.05	1.6280	1224.3	4.02	1.6269	1224.1	3.98	1.6258	1223.9	3.95	1.6248	1223.7
41	4.11	1.6343	1229.7	4.08	1.6332	1229.6	4.04	1.6322	1229.4	4.01	1.6311	1229.2
42	4.17	1.6405	1235.1	4.13	1.6394	1235.0	4.10	1.6384	1234.8	4.06	1.6373	1234.6
43		1.6466	1240.5	4.19	1.6455	1240.4	4.15	1.6445	1240.2	4.12	1.6434	1240.0
44	4.28	1.6525	1245.9	4.25	1.6515	1245.7	4.21	1.6505	1245.6	4.17	1.6494	1245.4
45	0 4.34	1.6584	1251.2	4.30	1.6574	1251.0	4.26	1.6563	1250.9	4.23	1.6553	1250.7
46	4.39	1.6642	1256.4	4.36	1.6631	1256.3	4.32	1.6621	1256.2	4.28	1.6611	1256.0
47		1.6699	1261.7	4.41	1.6688	1261.6	4.37	1.6678	1261.4	4.34	1.6668	1261.3
48		1.6754	1266.9	4.46	1.6744	1266.8	4.43	1.6734	1266.7	4.39	1.6724	1266.6
49	4.56	1.6809	1272.1	4.52	1.6799	1272.0	4.48	1.6789	1271.9	4.44	1.6779	1271.8
50	0 4.61	1.6864	1277.3	4.57	1.6854	1277.2	4.54	1.6844	1277.1	4.50	1.6834	1277.0
51	4.67	1.6918	1282.5	4.63	1.6908	1282.4	4.59	1.6898	1282.2	4.55	1.6988	1282.1
52	4.72	1.6971	1287.6	4.68	1.6961	1287.5	4.64	1.6951	1287.4	4.60	1.6941	1287.3
53	4.77	1.7023	1292.7	4.73	1.7013	1292.6	4.69	1.7003	1292.6	4.66	1.6993	1292.5
54	4.83	1.7074	1297.9	4.79	1.7064	1297.8	4.75	1.7054	1297.7	4.71	1.7044	1297.6
55	0 4.88	1.7124	1303.0	4.84	1.7114	1302.9	4.80	1.7105	1302.8	4.76	1.7095	1302.7
60	5.15	1.7370	1328.3	5.10	1.7360	1328.3	5.06	1.7350	1328.2	5.02	1.7341	1328.1
65	5.41	1.7602	1353.5	5.36	1.7593	1353.5	5.32	1.7583	1353.4	5.27	1.7574	1353.3
70	5.66	1.7824	1378.7	5.62	1.7815	1378.6	5.57	1.7805	1378.6	5.52	1.7796	1378.5
75	5.92	1.8037	1403.9	5.87	1.8027	1403.8	5.82	1.8018	1403.8	5.77	1.8009	1403.7
_												
		125	2		126			127			128	
_		[344:4]			[345.0]			[345.6]			[346.2]	
Sa		1.5858	1192.0	3.57	[345.0]	1192.1	3.54	[345.6]	1192.3	3.51	[346.2]	1192.4
35	3.63	1.5858	1195.3	3.60	[345.0] 1.5852 1.5888	1195.1	.3.57	[345.6] 1.5845 1.5877	1194.9	3.54	[346.2] 1.5838 1.5866	1194.6
<b>35</b>	3.63	[344:4] 1.5858 1.5899 1.5970	1195.3	3.60 3.66	[345.0] 1.5852 1.5888 1.5959	1195.1	.3.57	[345.6] 1.5845 1.5877 1.5948	1194.9	3·54 3·59	[346.2] 1.5838 1.5866 1.5937	1194.6
<b>35</b> 36 37	3.63 3.69 3.75	1.5858 1.5899 1.5970 1.6039	1195.3 1201.1 1206.8	3.60 3.66 3.71	[345.0] 1.5852 1.5888 1.5959 1.6028	1195.1 1200.9 1206.6	.3·57 3.62 3.68	[345.6] 1.5845 1.5877 1.5948 1.6017	1194.9 1200.7 1206.4	3·54 3·59 3·65	[346.2] 1.5838 1.5866 1.5937 1.6007	1194.6 1200.4 1206.2
36 36 37 38	3.63 3.69 3.75 3.80	1.5858 1.5899 1.5970 1.6039 1.6106	1195.3 1201.1 1206.8 1212.4	3.60 3.66 3.71 3.77	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096	1195.1 1200.9 1206.6 1212.2	3.57 3.62 3.68 3.74	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085	1194.9 1200.7 1206.4 1212.0	3.54 3.59 3.65 3.71	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075	1194.6 1200.4 1206.2 1211.9
35 36 37 38 39	3.63 3.69 3.75 3.80 3.86	1.5858 1.5899 1.5970 1.6039	1195.3 1201.1 1206.8	3.60 3.66 3.71	[345.0] 1.5852 1.5888 1.5959 1.6028	1195.1 1200.9 1206.6	.3·57 3.62 3.68	[345.6] 1.5845 1.5877 1.5948 1.6017	1194.9 1200.7 1206.4	3.54 3.59 3.65 3.71 3.77	[346.2] 1.5838 1.5866 1.5937 1.6007	1194.6 1200.4 1206.2
35 36 37 38 39	0 3.63 3.69 3.75 3.80 3.86 0 3.92	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237	1195.3 1201.1 1206.8 1212.4 1218.0	3.60 3.66 3.71 3.77	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227	1195.1 1200.9 1206.6 1212.2 1217.8	.3·57 3.62 3.68 3·74 3.80	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216	1194.9 1200.7 1206.4 1212.0 1217.6	3.54 3.59 3.65 3.71 3.77	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206	1194.6 1200.4 1206.2 1211.9 1217.5
35 36 37 38 39	0 3.63 3.69 3.75 3.80 3.86 0 3.92	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6301	1195.3 1201.1 1206.8 1212.4 1218.0	3.60 3.66 3.71 3.77 3.83	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291	1195.1 1200.9 1206.6 1212.2 1217.8	.3·57 3.62 3.68 3·74 3.80	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281	1194.9 1200.7 1206.4 1212.0 1217.6	3.54 3.59 3.65 3.71 3.77	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271	1194.6 1200.4 1206.2 1211.9 1217.5
35 36 37 38 39	0, 3.63 3.69 3.75 3.80 3.86 0 3.92 3.97 4.03	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6301 1.6363	1195.3 1201.1 1206.8 1212.4 1218.0	3.60 3.66 3.71 3.77 3.83	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3	.3·57 3.62 3.68 3·74 3.80 3.85 3.91 3.96	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0
36 36 37 38 39 40 41 42 43	0, 3.63 3.69 3.75 3.80 3.86 0 3.92 3.97 4.03 4.08	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6363 1.6424	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9	3.60 3.66 3.71 3.77 3.83 3.88 3.94	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6227 1.62291 1.6353 1.6414	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02	[345.6] 1.5845 1.5877 1.5948 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4
35 36 37 38 39 40 41 42	0, 3.63 3.69 3.75 3.80 3.86 0 3.92 3.97 4.03 4.08	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6301 1.6363	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3	.3·57 3.62 3.68 3·74 3.80 3.85 3.91 3.96	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0
36 36 37 38 39 40 41 42 43	0, 3.63 3.69 3.75 3.80 3.86 0 3.92 3.97 4.03 4.08 4.14	[344:4] 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6363 1.6424	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6227 1.62291 1.6353 1.6414	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02	[345.6] 1.5845 1.5877 1.5948 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4
36 36 37 38 39 40 41 42 43 44	3.63 3.69 3.75 3.80 3.86 3.86 0 3.92 0 3.97 4.03 4.08 4.14	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.62291 1.6353 1.6414 1.6474	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6464 1.6523	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8
36 36 37 38 39 40 41 42 43 44	3.63 3.69 3.75 3.80 3.86 3.92 4.03 4.08 4.14 4.19 4.25	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6474	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1	.3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6404 1.6464	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8
36 36 37 38 39 40 41 42 43 44	0 3.63 3.69 3.79 3.80 3.80 3.86 3.86 3.86 4.03 4.03 4.03 4.14 0 4.19 4.25 4.30	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6361 1.6363 1.6424 1.6484	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.62291 1.6353 1.6414 1.6533 1.6591	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1	.3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6281 1.6343 1.6404 1.6523 1.6523 1.6528	1194.9 1200.7 1206.4 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6629 1.6685	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8
35 36 37 38 39 40 41 42 43 44 45 46 47	0 3.63 3.75 3.80 3.80 3.86 0 3.92 3.92 3.94 4.03 4.03 4.14 0 4.19 0 4.25 4.30 4.35	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484 1.6543 1.6601	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6533 1.6591 1.6648	1195.1 1200.9 1206.9 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6281 1.6281 1.6343 1.6404 1.6523 1.6523 1.6528 1.6523 1.6523	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.20	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6629	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8
355 36 37 38 39 40 41 42 43 44 45 46 47 48	0 3.63 3.63 3.80 3.80 3.80 3.86 0 3.92 0 3.92 0 4.03 4.08 4.14 0 4.19 0 4.25 0 4.35 4.41	1.5858 1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.6658 1.6658 1.6714	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1266.4	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6227 1.62291 1.6353 1.6414 1.6533 1.6533 1.6596 1.6598 1.6598	1195.1 1200.9 1206.0 1212.2 1217.8 1223.4 1223.4 1223.4 12245.1 1245.1 1250.5 1255.8 1261.1 1266.3	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6464 1.6523 1.6583 1.6639 1.6695	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.20 4.25	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6629 1.6685 1.6740	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1266.1 1271.3
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	0 3.63 3.69 3.80 3.80 3.86 3.86 3.86 0 3.92 0 3.97 4.03 4.08 4.14 0 4.19 0 4.25 4.41 0 4.46	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6363 1.6424 1.6484 1.6543 1.6601 1.6658 1.6714 1.6770	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6533 1.6591 1.6648 1.6704 1.6760 1.6814 1.6868	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34	[345.6] 1.5845 1.5877 1.5948 1.6087 1.6085 1.6151 1.62216 1.6281 1.6343 1.6404 1.6523 1.6581 1.6639 1.6639 1.6695 1.6750	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.25 4.30	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6513 1.6572 1.6629 1.6685 1.6740 1.6795 1.6849	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1260.8 1271.3
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	0 3.63 3.63 3.85 3.86 3.86 0 3.92 3.97 4.03 4.08 4.14 0 4.19 0 4.25 4.30 4.41 0 4.46 4.51 4.56	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.66543 1.66714 1.6770 1.6824 1.6878 1.6878	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.37 4.43 4.43 4.48 4.53	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6760	1195.1 1200.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6464 1.6523 1.6523 1.6639 1.6639 1.6655 1.6855 1.6855 1.6859 1.6859 1.6859	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1271.4	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.29 4.14 4.25 4.30	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6685 1.6740 1.6795 1.6849 1.6902	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1266.1 1271.3
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49	0 3.63 3.63 3.85 3.86 3.86 0 3.92 3.97 4.03 4.08 4.14 0 4.19 0 4.25 4.35 4.41 0 4.46 4.51 4.56	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.6668 1.6714 1.6770	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6533 1.6591 1.6648 1.6704 1.6760 1.6814 1.6868	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6281 1.6281 1.6281 1.6404 1.6523 1.65639 1.6695 1.6750 1.6805 1.6805	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.25 4.30	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6629 1.6685 1.6740 1.6795 1.6849 1.6902	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1260.8 1271.3
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	0 3.63 3.63 3.75 3.80 3.86 0 3.92 0 3.97 4.03 4.08 4.14 0 4.19 4.25 4.30 4.41 0 4.41 0 4.51 0 4.51 0 4.51	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.66543 1.66714 1.6770 1.6824 1.6878 1.6878	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.9 1266.4 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.37 4.43 4.43 4.48 4.53	[345.0] 1.5852 1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6227 1.6233 1.6414 1.6533 1.6591 1.6648 1.6704 1.6704 1.6868 1.6884 1.6868	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.49	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6216 1.6281 1.6343 1.6464 1.6523 1.6523 1.6639 1.6639 1.6655 1.6855 1.6855 1.6859 1.6859 1.6859	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1271.4	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.29 4.14 4.25 4.30	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6685 1.6740 1.6795 1.6849 1.6902	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1266.1 1271.3
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 51 52 53	0 3.63 3.63 3.69 3.75 3.80 3.86 3.86 0 3.92 3.97 4.03 4.08 4.14 0 4.19 0 4.25 4.30 0 4.35 4.41 0 4.46 4.51 0 4.62 4.62 4.67	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484 1.6543 1.6651 1.6651 1.6770 1.6824 1.6878 1.6931 1.6983	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7 1276.9 1282.0 1287.2 1292.4	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.37 4.42 4.43 4.53 4.53	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.66468 1.6704 1.6760  1.6814 1.6868 1.6921 1.6973	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1223.4 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5 1276.7 1281.9 1287.1 1292.3	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.24 4.34 4.34 4.44 4.49	[345.6] 1.5845 1.5877 1.5948 1.6017 1.6085 1.6151 1.6226 1.6281 1.6343 1.6464 1.6523 1.6581 1.6639 1.6695 1.6750 1.6859 1.6859 1.6964	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1266.2 1271.4 1276.6 1281.8 1287.0 1292.2	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.20 4.25 4.30 4.35 4.40 4.51	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6629 1.6685 1.6740 1.6795 1.6849 1.6902	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1260.8 1271.3
36 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	0 3.63 3.63 3.75 3.80 3.86 0 3.92 3.97 4.03 4.08 4.14 0 4.19 0 4.25 4.35 4.41 0 4.46 4.51 4.56 4.62 4.67 0 4.72	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6484 1.6543 1.6601 1.6658 1.6714 1.6770 1.6824 1.6878 1.6983 1.7034	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37 4.48 4.53 4.58 4.63	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474 1.6533 1.6591 1.6648 1.6704 1.6868 1.6921 1.6973 1.7025	1195.1 1200.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1261.1 1266.3 1271.5 1271.5 1271.5	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.23 4.28 4.34 4.34 4.49 4.54 4.59	[345.6]  1.5845  1.5877  1.5948  1.6017  1.6085  1.6151  1.6216  1.6281  1.6343  1.6404  1.6523  1.6581  1.6639  1.6695  1.6859  1.6859  1.6964  1.7015	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1255.6 1260.9 1266.2 1271.4 1276.6 1281.8 1287.0 1292.2 1297.3	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.09 4.14 4.20 4.25 4.30 4.46 4.51 4.56	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141  1.6206 1.6271 1.6333 1.6394 1.6454  1.6513 1.6572 1.6629 1.6685 1.6740  1.6795 1.6849 1.6902 1.6955	1194.6 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1266.1 1271.3 1276.5 1281.7 1286.9 1292.1
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	0 3.63 3.63 3.85 3.86 3.86 0 3.92 0 3.97 4.03 4.08 4.14 0 4.19 0 4.25 4.30 4.41 0 4.46 0 4.51 0 4.62 4.67 0 4.72 4.98	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.6658 1.6714 1.6678 1.6878 1.6983 1.6983 1.7034	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1266.4 1271.7 1276.9 1282.0 1287.2 1292.4 1297.5	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.32 4.37 4.48 4.53 4.63 4.68	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162 1.6227 1.6291 1.6353 1.6414 1.6474  1.6533 1.6591 1.6648 1.6704 1.6760 1.6814 1.6868 1.6921 1.6973 1.7025	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1228.9 1234.3 1239.7 1245.1 1250.5 1251.8 1261.8 1261.8 1271.5 1276.7 1281.9 1287.1 1292.3 1297.4	3.57 3.62 3.68 3.74 3.80 3.85 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.49 4.54 4.59	[345.6]  1.5845  1.5877  1.5948 1.6017 1.6085 1.6151  1.6216 1.6281 1.6343 1.6404 1.6464  1.6523 1.6581 1.6639 1.6695 1.6750  1.6805 1.6859 1.6916 1.7015	1194.9 1200.7 1206.4 1212.0 1217.6 1223.2 1228.7 1234.2 1239.6 1245.0 1255.6 1260.9 1266.2 1271.4 1271.4 1281.8 1287.0 1292.2 1297.3	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.25 4.30 4.25 4.30 4.46 4.51 4.56	[346.2] 1.5838 1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6629 1.6685 1.6740 1.6795 1.6849 1.6925 1.6955 1.7006 1.7057 1.7303	1194.6 1200.4 1200.4 1206.2 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1266.1 1271.3 1276.5 1281.7 1286.9 1292.1 1297.2
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	0 3.63 3.63 3.80 3.80 3.86 0 3.92 3.97 4.03 4.08 4.14 0 4.19 0 4.25 4.30 4.41 0 4.46 4.51 4.62 4.62 4.67 0 4.72 4.98 5.23	1.5858 1.5899 1.5970 1.6039 1.6106 1.6172 1.6237 1.6363 1.6424 1.6543 1.66543 1.66543 1.6714 1.6770 1.6824 1.6878 1.6931 1.6983 1.7034	1195.3 1201.1 1206.8 1212.4 1218.0 1223.6 1229.1 1234.5 1239.9 1245.3 1250.6 1255.9 1261.2 1266.4 1271.7 1276.9 1282.0 1287.2 1292.4 1297.5	3.60 3.66 3.71 3.77 3.83 3.88 3.94 4.00 4.05 4.10 4.16 4.21 4.27 4.37 4.43 4.53 4.58 4.63 4.68 4.94	[345.0]  1.5852  1.5888 1.5959 1.6028 1.6096 1.6162  1.6227 1.6291 1.6353 1.6414 1.6474 1.6533 1.6591 1.6648 1.6704 1.6868 1.6921 1.6973 1.7025 1.7076	1195.1 1200.9 1206.6 1212.2 1217.8 1223.4 1223.4 1223.9 1234.3 1239.7 1245.1 1250.5 1255.8 1261.1 1266.3 1271.5 1276.7 1281.9 1287.1 1292.3 1297.4 1302.5 1328.0	3.57 3.62 3.68 3.74 3.80 3.91 3.96 4.02 4.07 4.12 4.18 4.23 4.28 4.34 4.34 4.49 4.54 4.59	[345.6]  1.5845  1.5877  1.5948  1.6017  1.6085  1.6151  1.6216  1.6281  1.6343  1.6464  1.6523  1.65639  1.6695  1.6659  1.6659  1.6964  1.7015  1.7066  1.7312	1194.9 1200.7 1200.7 1217.6 1212.0 1217.6 1223.2 1234.2 1239.6 1245.0 1250.3 1255.6 1260.9 1271.4 1276.6 1281.8 1287.0 1292.2 1297.3	3.54 3.59 3.65 3.71 3.77 3.82 3.88 3.93 3.98 4.04 4.29 4.25 4.30 4.35 4.40 4.51 4.56 4.61 4.86	[346.2]  1.5838  1.5866 1.5937 1.6007 1.6075 1.6141 1.6206 1.6271 1.6333 1.6394 1.6454 1.6513 1.6572 1.6685 1.6740 1.6795 1.6849 1.6902 1.6955 1.7006	1194.6 1200.4 1200.4 1211.9 1217.5 1223.0 1228.5 1234.0 1239.4 1244.8 1250.2 1255.5 1260.8 1271.3 1276.5 1281.7 1286.9 1292.1 1297.2

Pres- sure		<b>129</b> [346.8]			<b>130</b> [347-4]			<b>131</b> [347.9]	b se		132 [348.5]	
Temp	٧	s	i	V	s	i	V	s	i	v	s	i
Sat.	3.49	1.5832	1192.5	3.46	1.5825	1192.6	3.44	1.5819	1192.7	3.41	1.5812	1192.9
350	3.51	1.5855	1194.4	3.48	1.5844	1194.2	3.45	1.5833	1194.0	3.42	1.5823	1193.7
360	3.56	1.5926	1200.2	3.54	1.5916	1200.0	3.51	1.5905	1199.8	3.48	1.5895	1199.6
370	3.62	1.5996	1206.0	3.59	1.5986	1205.8	3.56	1.5975	1205.6	3.53	1.5965	1205.4
380	3.68	1.6064	1211.7	3.65	1.6054	1211.5	3.62	1.6043	1211.3	3.59	1.6033	1211.1
390	3.73	1.6131	1217.3	3.70	1.6121	1217.1	3.67	1.6110	1216.9	3.64	1.6100	1216.7
400	3.79	1.6196	1222.9	3.76	1.6186	1222.7	3.73	1.6176	1222.5	3.70	1.6166	1222.3
410	3.84	1.6260	1228.4	3.81	1.6250	1228.2	3.78	1.6240	1228.0	3.75	1.6230	1227.9
420	3.90	1.6323	1233.9	3.87	1.6313	1233.7	3.84	1.6303	1233.5	3.81	1.6293	1233.4
430	3.95	1.6384	1239.3	3.92	1.6374	1239.1	3.89	1.6364	1239.0	3.86	1.6354	1238.8
440	4.00	1.6444	1244.7	3.97	1.6434	1244.5	3.94	1.6425	1244.4	3.91	1.6415	1244.2
450	4.06	1.6503	1250.1	4.03	1.6494	1249.9	3.99	1.6484	1249.8	3.96	1.6474	1249.6
460	4.11	1.6562	1255.4	4.08	1.6552	1255.2	4.05	1.6542	1255.1	4.01	1.6533	1255.0
470	4.16	1.6619	1260.7	4.13	1.6610	1260.5	4.10	1.6600	1260.4	4.07	1.6590	1260.3
480	4.21	1.6675	1265.9	4.18	1.6666	1265.8	4.15	1.6656	1265.7	4.12	1.6647	1265.6
490	4.27	1.6731	1271.2	4.23	1.6721	1271.1	4.20	1.6712	1271.0	4.17	1.6703	1270.9
												27.3
500	4.32	1.6786	1276.4	4.28	1.6776	1276.3	4.25	1.6767	1276.2	4.22	1.6757	1276.1
510	4.37	1.6840	1281.6	4.34	1.6830	1281.5	4.30	1.6821	1281.4	4.27	1.6811	1281.3
520	4.42	1.6893	1286.8	4.39	1.6883	1286.7	4.35	1.6874	1286.6	4.32	1.6865	1286.5
530	4.47	1.6945	1292.0	4.44	1.6936	1291.9	4.40	1.6927	1291.8	4.37	1.6917	1291.7
540	4.52	1.6997	1297.1	4.49	1.6987	1297.0	4.45	1.6978	1296.9	4.42	1.6969	1296.8
550	4.57	1.7048	1302.2	4.54	1.7039	1302.1	4.50	1.7029	1302.1	4.47	1.7020	1302.0
600	4.82	1.7294	1327.7	4.78	1.7285	1327.7	4.75	1.7276	1327.6	4.71	1.7267	1327.5
650	5.07	1.7528	1353.0	5.03	1.7519	1353.0	4.99	1.7510	1352.9	4.95	1.7501	1352.9
700	5.31	1.7751	1378.3	5.27	1.7742	1378.2	5.23	1.7733	1378.2	5.19	1.7724	1378.1
750	5.55	1.7964	1403.5	5.51	1.7955	1403.5	5.46	1.7946	1403.5	5.42	1.7938	1403.4
		1	1	1	1	<u> </u>			1	1	1	1
		199			194			195			196	
		133 [349.1]			<b>134</b> [349.7]			<b>135</b> [350.3]			<b>136</b> [350.8]	
Sat.	3.39		1193.0	3.36		1193.1	3.34		1193.2	3.32		1193.3
		[349.1]			[349.7]			[350.3]			[350.8]	
360	3.45	[349.1] 1.5806 1.5884	1199.4	3.42	[349·7] 1.5800 1.5874	1199.2	3.39	[350.3] 1.5793 1.5863	1198.9	3.37	[350.8] 1.5787 1.5853	1198.7
360 370	3.45 3.51	[349.1] 1.5806 1.5884 1.5954	1199.4	3.42 3.48	[349.7] 1.5800 1.5874 1.5944	1199.2	3·39 3·45	[350.3] 1.5793 1.5863 1.5934	1198.9	3·37 3·42	[350.8] 1.5787 1.5853 1.5924	1198.7
360	3.45	[349.1] 1.5806 1.5884	1199.4	3.42	[349·7] 1.5800 1.5874	1199.2	3.39	[350.3] 1.5793 1.5863	1198.9	3.37	[350.8] 1.5787 1.5853	1198.7
360 370 380 390	3.45 3.51 3.56 3.62	[349.1] 1.5806 1.5884 1.5954 1.6023 1.6090	1199.4 1205.2 1210.9 1216.6	3.42 3.48 3.53 3.59	[349·7] 1.5800 1.5874 1.5944 1.6013 1.6080	1199.2 1205.0 1210.7 1216.4	3·39 3·45 3·50 3·56	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070	1198.9 1204.8 1210.5 1216.2	3·37 3·42 3·48 3·53	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060	1198.7 1204.5 1210.3 1216.0
360 370 380 390 <b>400</b>	3.45 3.51 3.56 3.62 3.67	[349.1] 1.5806 1.5884 1.5954 1.6023 1.6090 1.6156	1199.4 1205.2 1210.9 1216.6	3.42 3.48 3.53 3.59	[349.7] 1.5800 1.5874 1.5944 1.6013 1.6080 1.6146	1199.2 1205.0 1210.7 1216.4	3·39 3·45 3·50 3·56	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136	1198.9 1204.8 1210.5 1216.2	3·37 3·42 3·48 3·53 3·58	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060 1.6126	1198.7 1204.5 1210.3 1216.0
360 370 380 390 <b>400</b> 410	3.45 3.51 3.56 3.62 3.67 3.72	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220	1199.4 1205.2 1210.9 1216.6	3.42 3.48 3.53 3.59 3.64 3.69	[349.7] 1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6210	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5	3·39 3·45 3·50 3·56 3.61 3.66	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200	1198.9 1204.8 1210.5 1216.2	3·37 3·42 3·48 3·53 3·58 3·64	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190	1198.7 1204.5 1210.3 1216.0 1221.6
360 370 380 390 <b>400</b> 410 420	3.45 3.51 3.56 3.62 3.67 3.72 3.78	[349.1] 1.5806 1.5884 1.5954 1.6023 1.6090 1.6156 1.6220 1.6283	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2	3.42 3.48 3.53 3.59 3.64 3.69 3.75	1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6210 1.6273	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0	3·39 3·45 3·50 3·56 3.61 3.66 3·72	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.6263	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9	3·37 3·42 3·48 3·53 3·58 3·64 3·69	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060 1.6126 1.6190 1.6254	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7
360 370 380 390 <b>400</b> 410	3.45 3.51 3.56 3.62 3.67 3.72	[349.1] 1.5806 1.5884 1.5954 1.6023 1.6090 1.6156 1.6220	1199.4 1205.2 1210.9 1216.6	3.42 3.48 3.53 3.59 3.64 3.69	[349.7] 1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6210	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5	3·39 3·45 3·50 3·56 3.61 3.66	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200	1198.9 1204.8 1210.5 1216.2	3·37 3·42 3·48 3·53 3·58 3·64	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190	1198.7 1204.5 1210.3 1216.0 1221.6
360 370 380 390 <b>400</b> 410 420 430	3.45 3.51 3.56 3.62 3.67 3.72 3.78 3.83 3.88	[349.1] 1.5806 1.5884 1.5954 1.6023 1.6090 1.6156 1.6220 1.6283 1.6345 1.6405	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85	1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6210 1.6273 1.6335 1.6396	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0	3·39 3·45 3·50 3·56 3.61 3.66 3·72 3·77 3.82	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.6263 1.6325 1.6386	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8	3·37 3·42 3·48 3·53 3·58 3·64 3·69 3·74 3·79	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060 1.6126 1.6190 1.6254 1.6316 1.6377	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b>	3.45 3.51 3.56 3.62 3.67 3.72 3.78 3.83 3.88	[349.1]  1.5806  1.5884  1.5954  1.6023  1.6090  1.6156  1.6220  1.6283  1.6345  1.6405	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85	[349.7] 1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6210 1.6273 1.6335 1.6396 1.6455	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0	3·39 3·45 3·50 3·56 3.61 3.66 3·72 3·77 3.82 3·87	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.6263 1.6325 1.6386 1.6446	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060 1.6126 1.6190 1.6254 1.6316 1.6377	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460	3.45 3.51 3.56 3.62 3.67 3.72 3.78 3.83 3.88 3.93 3.98	[349.1]  1.5806  1.5884  1.5954  1.6023  1.6090  1.6156  1.6220  1.6283  1.6345  1.6405	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.90 3.95	[349.7] 1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6273 1.6335 1.6336 1.6455 1.6455	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.6263 1.6325 1.6386	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.89	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060 1.6126 1.6190 1.6254 1.6316 1.6377	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470	3.45 3.51 3.56 3.62 3.67 3.72 3.78 3.83 3.88	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6228 1.6345 1.6405  1.6465 1.6524	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.90 3.95 4.00	[349.7] 1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6210 1.6273 1.6335 1.6396 1.6455	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0 1249.4 1254.7 1260.0	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87 3.92 3.97	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6020 1.6126 1.6263 1.6325 1.6386 1.6446 1.64505	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.89 3.94	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060 1.6126 1.6254 1.6316 1.6377 1.6436 1.6495	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1254.4
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 3.98 4.03	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6465 1.6524 1.6581	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.90 3.95	[349.7] 1.5800 1.5874 1.5944 1.6013 1.6080 1.6146 1.6210 1.6273 1.6335 1.6335 1.6355 1.65514 1.65571	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6263 1.6325 1.6386 1.6446 1.6505 1.6505 1.6562	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.89	[350.8] 1.5787 1.5853 1.5924 1.5993 1.6060 1.6126 1.6254 1.6316 1.6377 1.6436 1.6495 1.6553	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1254.4 1259.8
360 370 380 390 410 420 430 440 450 460 470 480 490	3.45 3.51 3.56 3.62 3.67 3.72 3.78 3.88 3.93 4.03 4.03 4.13	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6228 1.6345 1.6405  1.6465 1.6524 1.6581 1.6638 1.6693	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.85 3.90 3.95 4.00 4.05 4.10	[349.7]  1.5800  1.5874  1.5944  1.6013  1.6080  1.6146  1.6273  1.6335  1.6396  1.6455  1.6571  1.6628  1.6684	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0 1254.7 1260.0 1265.3 1270.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87 3.92 4.07	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6136 1.6200 1.6263 1.6325 1.6386 1.6446 1.6505 1.6562 1.6619 1.6675	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.89 3.94 3.99 4.04	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060 1.6126 1.6190 1.6254 1.6316 1.6377 1.6436 1.6495 1.6553 1.6660	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1254.4 1259.8 1265.1 1270.4
360 370 380 390 400 410 420 430 440 450 460 470 480 490	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.03 4.03 4.13	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6228 1.6345 1.6405  1.6465 1.6524 1.6581 1.6638 1.6693	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.95 4.00 4.05 4.10	[349.7]  1.5800  1.5874 1.5944 1.6013 1.6080  1.6146 1.6210 1.6273 1.6335 1.6336  1.6455 1.6514 1.6571 1.6628 1.6684	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0 1249.4 1254.7 1260.0 1265.3 1270.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87 3.92 3.97 4.02 4.07	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6263 1.6325 1.6386 1.6325 1.6386 1.6446 1.6505 1.6562 1.6619 1.6675	1198.9 1204.8 1210.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.89 3.94 3.99 4.04	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6126 1.6326 1.6336 1.6377  1.6436 1.6495 1.6553 1.6610 1.6665	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1259.8 1265.1 1270.4
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470 480 490 <b>500</b> 510	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.03 4.03 4.13 4.18 4.23	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405  1.6465 1.6524 1.6581 1.6638 1.6693  1.6748 1.6748	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.90 4.00 4.05 4.10	[349.7]  1.5800  1.5874  1.5944  1.6013  1.6080  1.6146  1.6273  1.6335  1.6396  1.6455  1.6571  1.6628  1.6684  1.6739  1.6793	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1244.0 1249.4 1254.7 1260.0 1265.3 1270.6	3.39 3.45 3.50 3.56 3.61 3.66 3.77 3.82 3.97 4.02 4.07	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.623 1.6325 1.6386 1.6446 1.6505 1.6562 1.6619 1.6675 1.6730 1.6784	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.99 4.04	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190 1.6254 1.6316 1.6377  1.6436 1.6495 1.6553 1.6610 1.6665	1198.7 1204.5 1210.3 1216.3 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1254.4 1259.8 1265.1 1270.4
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470 480 490 <b>500</b> 510 520	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.08 4.13 4.18 4.23 4.28	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405 1.6581 1.6638 1.6693	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.90 4.05 4.10 4.15 4.20 4.25	[349.7]  1.5800  1.5874  1.5944  1.6013  1.6080  1.6146  1.6210  1.6273  1.6396  1.6455  1.6571  1.6628  1.66584	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1244.0 1254.7 1260.0 1265.3 1270.6	3.39 3.45 3.50 3.56 3.61 3.66 3.77 3.82 3.77 3.82 3.97 4.02 4.07	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.6263 1.6325 1.6386 1.6446 1.6505 1.6502 1.6675 1.6730 1.6730 1.6730 1.6784 1.6837	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.9 1270.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.99 4.04 4.09 4.14 4.19	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190 1.6254 1.6316 1.6377 1.6436 1.6495 1.6553 1.6610 1.6665	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1254.4 1259.8 1265.1 1270.4
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470 480 490 <b>500</b> 510	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.03 4.03 4.13 4.18 4.23	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405  1.6465 1.6524 1.6581 1.6638 1.6693  1.6748 1.6748	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.90 4.00 4.05 4.10	[349.7]  1.5800  1.5874  1.5944  1.6013  1.6080  1.6146  1.6273  1.6335  1.6396  1.6455  1.6571  1.6628  1.6684  1.6739  1.6793	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1244.0 1249.4 1254.7 1260.0 1265.3 1270.6	3.39 3.45 3.50 3.56 3.61 3.66 3.77 3.82 3.97 4.02 4.07	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.623 1.6325 1.6386 1.6446 1.6505 1.6562 1.6619 1.6675 1.6730 1.6784	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.99 4.04	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190 1.6254 1.6316 1.6377  1.6436 1.6495 1.6553 1.6610 1.6665	1198.7 1204.5 1210.3 1216.3 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1254.4 1259.8 1265.1 1270.4
360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470 480 490 <b>500</b> 510 520 530 540	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.03 4.03 4.13 4.18 4.23 4.23 4.23 4.33	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6465 1.6524 1.6581 1.6638 1.6693 1.6748 1.6802 1.6856 1.6908 1.6960	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7 1276.0 1281.2 1291.6 1291.6	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.95 4.00 4.05 4.10 4.15 4.20 4.25 4.30	[349.7]  1.5800  1.5874 1.5944 1.6013 1.6080  1.6146 1.6210 1.6273 1.6335 1.6336  1.6455 1.6571 1.6628 1.6684 1.6739 1.6739 1.6793 1.6846 1.6899 1.6951	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0 1265.3 1270.6 1275.9 1281.1 1286.3 1296.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.97 4.02 4.07 4.12 4.17 4.22 4.27	[350.3]  1.5793  1.5863 1.5934 1.6003 1.6070  1.6136 1.6263 1.6325 1.6386  1.6446 1.6505 1.6562 1.6619 1.6675  1.6730 1.6784 1.6837 1.6890 1.6942	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5 1275.7 1280.9 1286.2 1291.4 1296.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.99 4.04 4.09 4.14 4.19 4.28	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6326 1.6336 1.6377  1.6436 1.6495 1.6553 1.6610 1.6665 1.6721 1.6775 1.6828 1.6828 1.6933	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1259.8 1265.1 1270.4 1275.6 1280.8 1280.8 1291.3 1296.4
360 370 380 390 400 410 420 430 440 450 460 470 480 490 510 520 530 540	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.08 4.13 4.18 4.23 4.28 4.33 4.38	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405 1.6524 1.6581 1.6638 1.6693 1.6748 1.6802 1.6856 1.6908 1.6906	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7 1276.0 1281.2 1286.4 1291.6 1296.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.85 3.90 4.00 4.05 4.10 4.15 4.20 4.25 4.30 4.35	[349.7]  1.5800  1.5874 1.5944 1.6013 1.6080  1.6146 1.6210 1.6273 1.6396 1.6455 1.6571 1.6628 1.6684  1.6739 1.6739 1.6846 1.6899 1.6951 1.7002	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1224.0 1249.4 1254.7 1260.0 1265.3 1270.6 1275.9 1281.1 1286.3 1291.5 1296.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.97 4.07 4.12 4.27 4.22 4.27 4.32	[350.3] 1.5793 1.5863 1.5934 1.6003 1.6070 1.6136 1.6200 1.6263 1.6326 1.6326 1.6346 1.6505 1.6562 1.6619 1.6675 1.6730 1.6784 1.6837 1.6890 1.6942	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5 1286.9 1286.2 1291.4 1296.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.79 3.84 3.99 4.04 4.19 4.24 4.28 4.33	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190 1.6254 1.6316 1.6377  1.6436 1.6495 1.6553 1.6610 1.6665  1.6721 1.6775 1.6828 1.6881 1.6933	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1259.8 1265.1 1270.4 1275.6 1280.8 1286.1 1291.3 1296.4
360 370 380 390 400 410 420 430 440 460 470 480 490 500 510 520 530 540 550 600	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.98 4.03 4.03 4.13 4.18 4.23 4.33 4.38	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405 1.6581 1.6638 1.6693  1.6748 1.6802 1.6856 1.6908 1.6908 1.7011 1.7259	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7 1276.0 1281.2 1296.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.95 4.00 4.05 4.10 4.15 4.20 4.35 4.30 4.35	[349.7]  1.5800  1.5874  1.5944  1.6013  1.6080  1.6146  1.6273  1.6336  1.6455  1.6571  1.6628  1.66584  1.6739  1.6739  1.6849  1.6899  1.6951  1.7002  1.7002	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0 1254.7 1260.0 1265.3 1270.6 1275.9 1281.1 1286.3 1291.5 1296.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87 3.92 4.07 4.12 4.17 4.22 4.27 4.32	[350.3]  1.5793  1.5863 1.5934 1.6003 1.6070  1.6136 1.6200 1.6263 1.6325 1.6386  1.6446 1.6505 1.6562 1.6619 1.6675  1.6730 1.6730 1.6890 1.6942 1.6993 1.7241	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5 1275.7 1280.9 1286.2 1291.4 1296.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.89 3.94 3.99 4.04 4.09 4.11 4.28 4.33 4.57	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190 1.6254 1.6316 1.6436 1.6455 1.6553 1.6610 1.6665  1.6721 1.6828 1.6881 1.6933 1.6984 1.7233	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1254.4 1259.8 1265.1 1270.4 1275.6 1280.8 1286.1 1291.3 1296.4
360 370 380 390 400 410 430 440 450 460 470 480 490 510 520 530 540 550 600 650	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.03 4.03 4.13 4.18 4.23 4.23 4.23 4.23 4.24 4.23 4.24 4.24	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6228 1.6345 1.6405  1.6465 1.6581 1.6638 1.6693  1.6748 1.6856 1.6968 1.7011 1.7259 1.7493	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7 1281.2 1286.4 1291.6 1291.6	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.95 4.00 4.05 4.10 4.15 4.20 4.25 4.30 4.35	[349.7]  1.5800  1.5874 1.5944 1.6013 1.6080  1.6146 1.6210 1.6273 1.6335 1.6336  1.6455 1.6514 1.6571 1.6628 1.6684  1.6793 1.6846 1.6793 1.6846 1.7022 1.7250 1.7484	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0 1254.7 1260.0 1265.3 1270.6 1275.9 1281.1 1286.3 1296.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87 3.92 4.07 4.12 4.17 4.22 4.27 4.32 4.37 4.60 4.84	[350.3]  1.5793  1.5863 1.5934 1.6003 1.6136 1.6203 1.6325 1.6386  1.6446 1.6505 1.6562 1.6619 1.6675  1.6784 1.6837 1.6890 1.6993 1.7241 1.7475	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5 1275.7 1280.9 1286.9 1291.4 1296.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.89 3.94 3.99 4.04 4.09 4.14 4.28 4.33 4.57 4.80	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6316 1.6377  1.6436 1.6495 1.6553 1.6610 1.6665  1.6772 1.6828 1.6828 1.6933  1.6984 1.7233 1.7467	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1254.4 1254.4 1259.8 1265.1 1270.4 1275.6 1280.8 1286.1 1291.3 1296.4
360 370 380 390 400 410 420 430 440 460 470 480 490 510 520 530 540 600 650 700	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.03 4.08 4.13 4.18 4.23 4.28 4.33 4.43 4.43 4.91 5.15	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405  1.6465 1.6524 1.6581 1.6638 1.6693  1.6748 1.6802 1.6856 1.6908 1.7011 1.7259 1.7493 1.7715	1199.4 1205.2 1210.9 1216.6 1222.2 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7 1276.0 1281.2 1296.6 1296.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.95 4.00 4.05 4.10 4.15 4.20 4.20 4.30 4.35 4.40 4.64 4.88 5.11	[349.7]  1.5800  1.5874 1.5944 1.6013 1.6080  1.6146 1.6210 1.6273 1.6335 1.6336  1.6455 1.6514 1.6571 1.6628 1.6684 1.6739 1.6793 1.6846 1.6899 1.7002 1.7250 1.7484 1.7707	1199.2 1205.0 1210.7 1216.4 1222.0 1238.5 1238.5 1244.0 1249.4 1254.7 1260.0 1265.3 1270.6 1275.9 1281.1 1286.3 1291.5 1296.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.97 4.02 4.07 4.12 4.17 4.27 4.32 4.37 4.60 4.84 5.07	[350.3]  1.5793  1.5863 1.5934 1.6003 1.6070  1.6136 1.6200 1.6263 1.6325 1.6386  1.6446 1.6505 1.6562 1.6619 1.6675  1.6730 1.6784 1.6897 1.6890 1.6993 1.7247 1.7475 1.7698	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5 1275.7 1280.9 1286.2 1291.4 1296.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.89 3.94 3.99 4.04 4.19 4.24 4.28 4.33 4.57 4.80 5.03	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6326 1.6336 1.6377  1.6436 1.6553 1.6610 1.6665  1.6721 1.6775 1.6828 1.6881 1.6933 1.6984 1.7233 1.7467 1.7690	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1254.4 1259.8 1265.1 1270.4 1275.6 1280.8 1286.1 1291.3 1296.4 1301.6 1327.2 1352.6 1377.9
360 370 380 390 410 420 430 440 450 460 470 480 490 510 520 530 540 550 600 650 700 750	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.98 4.03 4.03 4.13 4.18 4.23 4.28 4.33 4.38 4.43 4.67 4.91 5.15 5.38	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405 1.6581 1.6638 1.6693  1.6748 1.6802 1.6856 1.6908 1.7011 1.7259 1.7493 1.7715 1.7929	1199.4 1205.2 1210.9 1216.6 1222.2 1227.7 1233.2 1238.7 1244.1 1249.5 1265.5 1270.7 1276.0 1281.2 1296.7 1301.9 1327.4 1352.8 1378.1 1403.4	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.95 4.00 4.05 4.10 4.15 4.20 4.25 4.30 4.35	[349.7]  1.5800  1.5874 1.5944 1.6013 1.6080  1.6146 1.6210 1.6273 1.6396 1.6455 1.65514 1.65571 1.6628 1.6684  1.6739 1.6846 1.6899 1.6951 1.7002 1.7250 1.7484 1.7707 1.7921	1199.2 1205.0 1210.7 1216.4 1222.0 1227.5 1233.0 1238.5 1244.0 1254.7 1260.0 1265.3 1270.6 1275.9 1281.1 1286.3 1291.5 1296.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.87 3.92 4.07 4.12 4.17 4.22 4.27 4.32 4.37 4.60 4.84	[350.3]  1.5793  1.5863 1.5934 1.6003 1.6070  1.6136 1.6200 1.6263 1.6325 1.6386 1.6446 1.6505 1.6562 1.6619 1.6675  1.6730 1.6784 1.6837 1.6890 1.6942 1.6993 1.7241 1.7475 1.7698 1.7912	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5 1275.7 1280.9 1286.2 1291.4 1296.5 1301.7 1327.3 1352.7 1378.0 1403.3	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.89 3.94 3.99 4.04 4.09 4.14 4.28 4.33 4.57 4.80	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6190 1.6254 1.6316 1.6377 1.6436 1.6495 1.6553 1.6610 1.6665  1.6721 1.6775 1.6828 1.6881 1.6933 1.7467 1.7467 1.7904	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1254.4 1259.8 1265.1 1270.4 1275.6 1280.8 1280.8 1291.3 1296.4 1301.6 1327.2 1352.6 1377.9 1403.2
360 370 380 390 400 410 420 430 440 460 470 480 490 510 520 530 540 600 650 700	3.45 3.51 3.56 3.62 3.67 3.78 3.83 3.88 3.93 4.03 4.08 4.13 4.18 4.23 4.28 4.33 4.43 4.43 4.91 5.15	[349.1]  1.5806  1.5884 1.5954 1.6023 1.6090  1.6156 1.6220 1.6283 1.6345 1.6405  1.6465 1.6524 1.6581 1.6638 1.6693  1.6748 1.6802 1.6856 1.6908 1.7011 1.7259 1.7493 1.7715	1199.4 1205.2 1210.9 1216.6 1222.2 1233.2 1238.7 1244.1 1249.5 1254.8 1260.2 1265.5 1270.7 1276.0 1281.2 1296.6 1296.7	3.42 3.48 3.53 3.59 3.64 3.69 3.75 3.80 3.95 4.00 4.05 4.10 4.15 4.20 4.20 4.30 4.35 4.40 4.64 4.88 5.11	[349.7]  1.5800  1.5874 1.5944 1.6013 1.6080  1.6146 1.6210 1.6273 1.6335 1.6336  1.6455 1.6514 1.6571 1.6628 1.6684 1.6739 1.6793 1.6846 1.6899 1.7002 1.7250 1.7484 1.7707	1199.2 1205.0 1210.7 1216.4 1222.0 1238.5 1238.5 1244.0 1249.4 1254.7 1260.0 1265.3 1270.6 1275.9 1281.1 1286.3 1291.5 1296.6	3.39 3.45 3.50 3.56 3.61 3.66 3.72 3.77 3.82 3.97 4.02 4.07 4.12 4.17 4.27 4.32 4.37 4.60 4.84 5.07	[350.3]  1.5793  1.5863 1.5934 1.6003 1.6070  1.6136 1.6200 1.6263 1.6325 1.6386  1.6446 1.6505 1.6562 1.6619 1.6675  1.6730 1.6784 1.6897 1.6890 1.6993 1.7247 1.7475 1.7698	1198.9 1204.8 1210.5 1216.2 1221.8 1227.4 1232.9 1238.4 1243.8 1249.2 1254.6 1259.9 1265.2 1270.5 1275.7 1280.9 1286.2 1291.4 1296.5	3.37 3.42 3.48 3.53 3.58 3.64 3.69 3.74 3.89 3.94 3.99 4.04 4.19 4.24 4.28 4.33 4.57 4.80 5.03	[350.8]  1.5787  1.5853 1.5924 1.5993 1.6060  1.6126 1.6326 1.6336 1.6377  1.6436 1.6553 1.6610 1.6665  1.6721 1.6775 1.6828 1.6881 1.6933 1.6984 1.7233 1.7467 1.7690	1198.7 1204.5 1210.3 1216.0 1221.6 1227.2 1232.7 1238.2 1243.7 1249.1 1254.4 1259.8 1265.1 1270.4 1275.6 1280.8 1286.1 1291.3 1296.4 1301.6 1327.2 1352.6 1377.9

Temple   Part	Pres- sure		137 [351.4]			138 [352.0]			139 [352.5]			140 [353.1]	
Sat.   3.29   1.5781   1193.4   3.27   1.5775   1193.5   3.25   1.5769   1193.6   3.23   1.5762   1193.7   3.60   3.34   1.5843   1198.3   3.20   1.6823   1198.1   3.26   1.5813   1197.9   3.80   3.45   1.5983   1210.1   3.42   1.5973   1209.9   3.40   1.5963   1209.7   3.37   1.5953   1298.5   3.26   1.6818   1297.0   3.58   1.6060   1215.8   3.48   1.6040   1215.6   3.45   1.6031   1215.4   3.42   1.6921   1215.4   3.45   1.6021   1215.4   3.45   1.6021   1215.4   3.45   1.6021   1215.4   3.45   1.6021   1215.4   3.45   1.6021   1215.4   3.42   1.6021   1215.4   3.45   1.6021   1.60	Temp	٧	s	i	٧	s	i	v	8	i	v	g	i
379 3,40 1,5914 1204-3 3,37 1,5994 1204-1 3,34 1,5894 1203-7 33.2 1,5884 1203-7 3,59 3,50 1,6050 1215-8 3,48 1,6040 1215,6 3,45 1,6031 1215-4 3,42 1,6021 1215-2 400 3,56 1,6161 1211-4 3,53 1,6161 1221-4 3,53 1,6162 1227-0 3,58 1,6171 1226-9 3,55 1,6051 1215-7 3,53 1,6152 1226-5 420 3,66 1,6244 1232-6 3,63 1,6235 1232-4 3,00 1,6252 1232-2 3,58 1,6152 1226-5 440 3,0-7 1,16306 1238-1 3,58 1,58 1,6279 1237-3 3,0-7 1,5205 1232-2 3,58 1,6152 1226-5 440 3,76 1,6306 122-3 3,7 1,6358 1243-4 3,7 1,6364 1243-5 3,7 3 1,6358 1243-4 3,7 1,6348 1243-2 3,68 1,6427 1243-5 3,7 3 1,6358 1243-4 3,7 1,6348 1243-2 3,68 1,6325 1232-1 4,60 3,81 1,6427 1243-5 3,7 3 1,6358 1243-4 3,7 1,6348 1243-2 3,68 1,6329 1243-1 4,60 3,81 1,6427 1243-5 3,83 1,6477 1254-2 3,81 1,6467 1254-0 3,78 1,6458 1253-9 4,0 1,6600 1265-0 3,9 3 1,6691 1243-3 3,9 1,6544 1259-6 3,88 1,6477 1270-1 3,95 1,658 1270-3 3,9 1,6584 1253-9 4,0 1,6600 1265-0 3,9 3 1,6591 1248-3 3,9 1,6584 1270-1 3,9 1,6684 1259-0 4,0 1,6600 1265-0 3,9 3 1,6591 1248-3 3,9 1,6584 1270-1 3,9 1,6684 1270-		3.29	1.5781	1193.4	3.27	1.5775	1193.5	3.25	1.5769	1193.6	3.23	1.5762	1193.7
1,935   1,595   1215.8   3,48   1,5973   1290.9   3,40   1,5963   1290.7   3,37   1,5953   1290.5     400   3,50   1,6166   1221.4   3,53   1,6166   1221.3   3,45   1,6031   1215.4   3,42   1,6021   1215.2     400   3,51   1,6186   1221.4   3,53   1,6166   1221.3   3,50   1,6097   1221.1   3,48   1,6687   1220.9     420   3,65   1,6186   1221.4   3,53   1,6166   1221.3   3,50   1,6097   1221.1   3,48   1,6687   1220.9     430   3,71   1,6366   1243.5   3,73   1,6358   1243.4   3,77   1,6364   1243.5   3,73   1,6358   1243.4   3,77   1,6364   1243.5   3,73   1,6494   1,644   1243.5   3,73   1,6458   1243.8   3,76   1,6498   1,644													
400   3,56   1,616   1221.4   3,53   1,6040   1215.6   3,45   1,6031   125.4   3,42   1,6021   1215.2     400   3,56   1,616   1221.4   3,53   1,6171   1226.9   3,55   1,6162   1226.7   3,53   1,6121   124.3     420   3,66   1,6244   1232.6   3,63   1,6235   1233.4   3,60   1,6225   1232.2   3,58   1,6216   1232.4     430   3,76   1,6367   1243.5   3,73   1,6358   1243.4   3,77   1,6348   1243.2   3,68   1,6327   1237.4     460   3,81   1,6427   1248.9   3,78   1,6418   1248.8   3,76   1,6497   1234.0   3,78   1,6452   3,38   1,6477   1254.2   3,81   1,6467   1254.0   3,78   1,6452   1237.6     460   3,86   1,6486   1254.3   3,38   1,6351   1259.5   3,85   1,6526   1229.4   3,83   1,6537   1259.4     480   3,91   1,6544   1259.6   3,88   1,6353   1259.5   3,85   1,6526   1229.4   3,87   1,6537   1269.4     480   4,01   1,6666   1270.3   3,96   1,6647   1270.1   3,95   1,6638   1270.0   3,92   1,6692   1269.9     500   4,01   1,6666   1270.3   3,96   1,6647   1270.1   3,95   1,6638   1270.0   3,92   1,6692   1269.9     500   4,01   1,6666   1280.7   4,08   1,6727   1280.6   4,05   1,6748   1280.5   4,02   1,6739   1280.4     520   4,15   1,6872   1912.4   4,17   1,6861   1285.9   4,09   1,6861   1285.7   4,06   1,6733   1285.6     520   4,15   1,6872   1912.4   4,17   1,6861   1285.9   4,09   1,6861   1285.7   4,06   1,6733   1285.6     530   4,20   1,6872   1913.1   4,17   1,6966   1270.4   4,14   1,6854   1291.0   4,14   1,6865   1290.9     540   4,25   1,6924   1290.3   4,22   1,6968   1,7873   1,788   1,		_											
400   3.56													
1.0   3.61   1.6181   1227.0   3.58   1.6171   1226.0   3.55   1.6162   1226.7   3.53   1.6152   1223.1     2.0   3.66   1.6244   1323.2   3.63   1.6235   1324.3   3.60   1.6252   1223.2   3.63   1.6278   1223.1     3.70   1.6366   1238.1   3.68   1.6297   1237.9   3.65   1.6287   1237.7   3.63   1.6278   1223.1     460   3.81   1.6427   1248.9   3.78   1.6618   1248.8   3.71   1.6348   1243.2   3.68   1.6286   1254.3   3.83   1.6477   1254.2   3.81   1.6467   1254.0   3.78   1.6438   1223.1     470   3.91   1.6344   1235.0   3.83   1.6525   1239.3   3.85   1.6256   1239.4   3.81   1.6477   1234.2     480   3.61   1.6566   1265.0   3.93   1.6591   1254.8   3.76   1.6569   1254.0   3.78   1.6478   1223.1     490   4.01   1.6566   1265.0   3.93   1.6591   1254.8   3.90   1.6582   1264.7   3.87   1.6529   1269.9     500   4.06   1.6711   1275.5   4.03   1.6702   1275.4   4.00   1.6693   1275.3   3.97   1.6682   1265.7     500   4.06   1.6872   1291.2   4.17   1.6863   1291.1   4.14   1.6854   1291.0   4.11   1.6766   1280.7   4.08   1.6737   1296.2   4.09   1.6802   1285.0   4.02   1.6733   1285.6     500   4.06   4.15   1.6872   1291.2   4.17   1.6863   1291.1   4.14   1.6854   1291.0   4.11   1.6864   1290.9     500   4.06   1.6737   1273.1   4.50   1.715   1296.2   4.19   1.6906   1204.1   1.6854   1291.0   4.11   1.6864   1290.9     500   4.05   1.6972   1291.2   4.17   1.6966   1307.4   4.24   1.6854   1291.0   4.11   1.6846   1290.9     500   5.22   1.7895   1301.5   4.27   1.6966   1307.4   4.24   1.6854   1291.0   4.11   1.6846   1377.7     500   5.22   1.7895   1403.2   5.18   1.7870   1193.9   3.16   1.5744   1194.0   3.14   1.6949   1301.2     500   5.25   1.7818   1352.5   4.73   1.7449   1.352.5   4.70   1.7441   1.352.4   4.66   1.7433   1332.4     500   5.25   1.7818   1352.5   4.73   1.7449   1.352.5   4.70   1.7441   1.352.4   4.66   1.377.8   4.66   1.377.8   4.66   1.377.8   4.92   1.6664   1.377.8   4.92   1.6664   1.377.8   4.92   1.6664   1.377.8   4.92   1.6664   1.377.8   4.92   1.6664				1215.0									
430   3.66   1.6244   123.6   3.65   1.6235   1232.2   3.58   1.6216   1232.1   3.64   3.76   1.6367   1232.3   3.65   1.6236   1232.2   3.58   1.6216   1232.1   3.64   3.76   1.6367   1243.5   3.75   1.6358   1243.4   3.71   1.6348   1243.2   3.68   1.6339   1243.1     460   3.81   1.6427   1248.9   3.78   1.6418   1248.8   3.76   1.6469   1248.6   3.78   1.6458   1237.4   3.64   1.6467   1246.0   3.78   1.6458   1233.9   3.91   1.6544   1259.6   3.88   1.6535   1259.5   3.85   1.6526   1259.4   3.83   1.6547   1254.0   3.78   1.6458   1233.9   3.91   1.6544   1259.6   3.88   1.6535   1259.5   3.85   1.6526   1259.4   3.83   1.6517   1259.5   3.94   3.84   3.95   1.6582   1247.7   3.87   1.6527   1269.9     500   4.06   1.6711   1275.5   4.03   1.6702   1275.4   4.00   1.6693   1275.3   3.97   1.6629   1269.9     500   4.06   1.6711   1275.5   4.03   1.6757   1280.6   4.05   1.6693   1275.3   3.97   1.6638   1290.9   1.6524   1291.0   1.6524   1291.					3.53								
3-71   1.6366   1238.1   3.68   1.6397   1237.9   3.65   1.6287   1237.7   3.63   1.6278   1243.4     400   3.76   1.6367   1243.5   3.73   1.6358   1243.4   3.71   1.6348   1243.2   3.68   1.6339   1243.1     460   3.86   1.6486   1244.3   3.83   1.6477   1254.2   3.81   1.6467   1248.6   3.73   1.6400   1248.5     400   3.86   1.6486   1254.3   3.83   1.6477   1254.2   3.81   1.6467   1254.0   3.78   1.6468   1234.8     480   3.96   1.6560   1259.0   3.88   1.6535   1259.5   3.85   1.6368   1270.0   3.92   1.6571   1293.3     480   3.96   1.6560   1265.0   3.93   1.6591   1264.8   3.90   1.6638   1270.0   3.92   1.6629   1269.9     500   4.01   1.6565   1280.7   4.08   1.6577   1280.6   4.05   1.6638   1270.0   3.92   1.6652   1269.9     500   4.01   1.6567   1280.0   4.08   1.6577   1280.6   4.05   1.6638   1270.0   3.92   1.6652   1269.9     500   4.01   1.6567   1280.0   4.11   1.6810   1285.7   4.06   1.680   1285.7   4.06   1.6781   1285.5     520   4.15   1.6810   1285.0   4.12   1.6810   1285.9   4.09   1.6693   1275.3   3.97   1.6658   1275.2     530   4.20   1.6872   1291.2   4.17   1.6863   1291.1   4.14   1.6854   1291.0   4.11   1.6846   1295.0     540   4.25   1.6924   1296.3   4.22   1.6965   1296.2   4.19   1.6966   1296.1   4.16   1.6846   1295.0     550   4.33   1.7244   1337.1   4.50   1.7215   1327.1   4.47   1.7206   1327.0   4.44   1.7108   1352.4     550   4.77   1.7458   1352.5   4.72   1.7593   1377.8   4.92   1.7664   1377.8   4.66   1.7433   1352.4     560   4.73   1.7438   1352.5   5.18   1.7673   1377.8   4.92   1.7664   1377.8   4.66   1.7433   1352.4     560   3.24   1.6833   1197.5   3.21   1.5793   1197.4   3.10   1.5783   1197.2   3.17   1.7576   1377.7     570   5.22   1.7859   1493.2   5.18   1.7573   1197.4   3.10   1.5783   1197.2   3.17   1.7576   1377.7     580   3.24   1.6833   1129.3   3.21   1.5864   1203.3   3.24   1.5854   1203.3   3.22   1.5843   1209.3   3.33   1.5633   1.246.2   3.35   1.6629   1204.4   3.37   1.6668   1205.0   3.45   1.6638   1220.7   3.37   1	-						-						
440   3.76													
460 3.86 1.6486 1254.3 3.83 1.6477 1254.2 3.81 1.6467 1254.0 3.78 1.6468 1253.5 470 3.91 1.6544 1259.6 3.88 1.6535 1259.5 3.85 1.6526 1259.4 3.83 1.6571 1259.3 480 3.96 1.6660 1265.0 3.93 1.6691 1264.8 3.90 1.6582 1264.7 3.87 1.6573 1264.6 490 4.01 1.6665 1270.3 3.98 1.6691 1264.8 3.90 1.6582 1264.7 3.87 1.6573 1264.6 490 4.01 1.6666 1280.7 4.08 1.6675 1280.3 4.00 1.6688 1270.0 3.92 1.6692 1269.9 1269.9 1269.9 1269.0 4.01 1.6766 1280.7 4.08 1.6757 1280.6 4.05 1.6638 1270.0 3.92 1.6685 1275.2 10 4.11 1.6766 1280.7 4.08 1.6757 1280.6 4.05 1.66748 1280.5 4.02 1.6739 1280.6 4.05 1.6748 1280.5 4.02 1.6739 1285.6 4.02 1.6872 1291.2 4.17 1.6863 1291.1 4.14 1.6854 1291.0 4.11 1.6846 1290.9 4.25 1.6924 1296.3 4.22 1.6915 1291.1 4.14 1.6854 1291.0 4.11 1.6846 1290.9 4.25 1.6924 1296.3 4.22 1.6915 1296.2 4.19 1.6966 1261.1 4.16 1.6898 1296.0 4.53 1.7224 1337.1 4.50 1.7215 1327.1 4.47 1.7206 1327.0 4.44 1.7198 1336.9 60 4.53 1.7224 1337.1 4.50 1.7215 1327.1 4.47 1.7206 1327.0 4.44 1.7198 1325.4 4.05 1.7681 1377.9 4.96 1.7673 1377.8 4.92 1.7664 1377.8 4.92 1.7664 1377.8 4.92 1.7664 1377.7 50 5.22 1.7895 1403.2 5.18 1.7887 1403.2 5.14 1.7878 1403.1 5.11 1.7870 1403.1 800 5.45 1.801 1428.6 5.41 1.8092 1428.6 5.37 1.8084 1428.5 5.33 1.8076 1428.5 400 1.601 1115.1 3.37 1.6002 1241.9 3.35 1.5992 1214.7 3.32 1.5983 1214.5 400 1.601 1115.1 3.37 1.6002 1214.9 3.35 1.5992 1214.7 3.32 1.5983 1214.5 400 1.601 1215.1 3.37 1.6002 1214.9 3.35 1.6081 1220.6 3.42 1.6151 1225.8 40 1.601 1215.1 3.37 1.6002 1214.9 3.35 1.6081 1224.8 3.60 1.6649 1237.4 3.57 1.6088 1220.7 3.43 1.6093 1.237.4 3.57 1.6088 1220.7 3.43 1.6093 1.237.3 3.95 1.6688 1220.6 3.75 1.6449 1253.8 3.79 1.249.9 3.55 1.6097 1237.3 3.55 1.6297 1237.1 3.55 1.6297 1237.4 3.57 1.6088 1220.7 3.43 1.6093 1.248.8 1.6063 1.260.7 3.43 1.6093 1.237.4 3.57 1.6002 1.237.3 3.55 1.6292 1.224.8 3.60 1.6641 1237.0 3.86 1.6618 1.290.9 3.40 1.6688 1.290.9 3.40 1.6688 1.290.9 3.40 1.6688 1.290.9 3.40 1.6686 1.290.6 3.80 1.6628 1.290.9 3.40 1.6686 1.290.6 3.80 1.6628 1.290.9 3.40 1.6680 1.290.9 3					-								
460 3.86 1.6486 1254.3 3.83 1.6477 1254.2 3.81 1.6467 1254.0 3.78 1.6468 1253.5 470 3.91 1.6544 1259.6 3.88 1.6535 1259.5 3.85 1.6526 1259.4 3.83 1.6571 1259.3 480 3.96 1.6660 1265.0 3.93 1.6691 1264.8 3.90 1.6582 1264.7 3.87 1.6573 1264.6 490 4.01 1.6665 1270.3 3.98 1.6691 1264.8 3.90 1.6582 1264.7 3.87 1.6573 1264.6 490 4.01 1.6666 1280.7 4.08 1.6675 1280.3 4.00 1.6688 1270.0 3.92 1.6692 1269.9 1269.9 1269.9 1269.0 4.01 1.6766 1280.7 4.08 1.6757 1280.6 4.05 1.6638 1270.0 3.92 1.6685 1275.2 10 4.11 1.6766 1280.7 4.08 1.6757 1280.6 4.05 1.66748 1280.5 4.02 1.6739 1280.6 4.05 1.6748 1280.5 4.02 1.6739 1285.6 4.02 1.6872 1291.2 4.17 1.6863 1291.1 4.14 1.6854 1291.0 4.11 1.6846 1290.9 4.25 1.6924 1296.3 4.22 1.6915 1291.1 4.14 1.6854 1291.0 4.11 1.6846 1290.9 4.25 1.6924 1296.3 4.22 1.6915 1296.2 4.19 1.6966 1261.1 4.16 1.6898 1296.0 4.53 1.7224 1337.1 4.50 1.7215 1327.1 4.47 1.7206 1327.0 4.44 1.7198 1336.9 60 4.53 1.7224 1337.1 4.50 1.7215 1327.1 4.47 1.7206 1327.0 4.44 1.7198 1325.4 4.05 1.7681 1377.9 4.96 1.7673 1377.8 4.92 1.7664 1377.8 4.92 1.7664 1377.8 4.92 1.7664 1377.7 50 5.22 1.7895 1403.2 5.18 1.7887 1403.2 5.14 1.7878 1403.1 5.11 1.7870 1403.1 800 5.45 1.801 1428.6 5.41 1.8092 1428.6 5.37 1.8084 1428.5 5.33 1.8076 1428.5 400 1.601 1115.1 3.37 1.6002 1241.9 3.35 1.5992 1214.7 3.32 1.5983 1214.5 400 1.601 1115.1 3.37 1.6002 1214.9 3.35 1.5992 1214.7 3.32 1.5983 1214.5 400 1.601 1215.1 3.37 1.6002 1214.9 3.35 1.6081 1220.6 3.42 1.6151 1225.8 40 1.601 1215.1 3.37 1.6002 1214.9 3.35 1.6081 1224.8 3.60 1.6649 1237.4 3.57 1.6088 1220.7 3.43 1.6093 1.237.4 3.57 1.6088 1220.7 3.43 1.6093 1.237.3 3.95 1.6688 1220.6 3.75 1.6449 1253.8 3.79 1.249.9 3.55 1.6097 1237.3 3.55 1.6297 1237.1 3.55 1.6297 1237.4 3.57 1.6088 1220.7 3.43 1.6093 1.248.8 1.6063 1.260.7 3.43 1.6093 1.237.4 3.57 1.6002 1.237.3 3.55 1.6292 1.224.8 3.60 1.6641 1237.0 3.86 1.6618 1.290.9 3.40 1.6688 1.290.9 3.40 1.6688 1.290.9 3.40 1.6688 1.290.9 3.40 1.6686 1.290.6 3.80 1.6628 1.290.9 3.40 1.6686 1.290.6 3.80 1.6628 1.290.9 3.40 1.6680 1.290.9 3	450	281	x 6427	T248 0	2 78	T 64T8	T248 8	2 76	T 6400	T248 6	2 72	T 6400	1248 5
470   3.91   1.6544   125.6   3.88   1.6535   125.9   3.85   1.6526   125.0   1.6520   1.2650   1.2650   3.93   1.6591   1.268.8   3.90   1.6582   1.264.7   3.87   1.6573   1264.6   4.90   4.01   1.6656   1270.3   3.98   1.6647   1270.1   3.95   1.6638   1270.0   3.92   1.6629   1269.9     500   4.06   1.6711   1275.5   4.03   1.6792   1275.4   4.00   1.6638   1270.0   3.92   1.6629   1269.9     501   4.11   1.6766   1280.7   4.08   1.6757   1280.6   4.05   1.6748   1280.5   4.02   1.6739   1280.4     520   4.15   1.6819   1286.0   4.12   1.6810   125.9   4.09   1.6801   125.7   4.06   1.6793   1280.4     530   4.20   1.6872   1291.2   4.17   1.6865   1291.1   4.14   1.6854   1291.0   4.11   1.6849   1290.9     540   4.25   1.6924   1296.3   4.22   1.6916   1301.4   4.24   1.6958   1301.3   4.21   1.6949   1260.5   4.07   1.6838   1290.0     550   4.33   1.7224   1327.1   4.50   1.7215   1327.1   4.47   1.7206   1337.0   4.44   1.7198   1260.5   4.77   1.7458   1352.5   4.70   4.													
A80   3.96   1.6660   1270.3   3.93   1.6591   1264.8   3.90   1.6582   1264.7   3.87   1.6573   1264.6		-											
1.600					_				1.6582			1.6573	
\$\frac{4.11}{520}	490	4.01	1.6656	1270.3	3.98	1.6647	1270.1	3.95	1.6638	1270.0	3.92	1.6629	1269.9
\$\frac{5}{30}													
\$\frac{550}{540} \ \frac{4.20}{4.25} \ \ \begin{array}{c c c c c c c c c c c c c c c c c c c													
\$\frac{550}{650}   4.30   1.6975   1301.5   4.27   1.6966   1301.4   4.24   1.6958   1301.3   4.21   1.6949   1301.2													
141													
141	550	4 20	T 6075	1201 5	1 27	T 6066	1201.4	1 21	T 6058	T20T 2	4 21	1 6040	1201.2
1.7458   1352.5   4.73   1.7448   1352.5   4.73   1.7449   1352.5   4.70   1.7441   1352.4   4.66   1.7433   1352.4   750   5.00   1.7681   1377.9   4.96   1.7673   1377.8   4.92   1.7686   1377.8   4.93   1.7656   1377.7   1403.1   1.7870   1.7870   1.													
Total   Tota													
Table   Tabl	700	5.00	1.7681	1377.9		1.7673	1377.8	4.92		1377.8	4.89	1.7656	1377.7
Table	750	5.22	1.7895	1403.2	5.18	1.7887	1403.2	5.14	1.7878	1403.1	5.11	1.7870	1403.1
Sat.   3.20   1.5756   1193.8   3.18   1.5750   1193.9   3.16   1.5744   1194.0   3.14   1.5738   1194.1   3.70   3.29   1.5874   1203.5   3.21   1.5793   1197.4   3.19   1.5783   1197.2   3.17   1.5773   1197.0   3.80   3.34   1.5943   1209.3   3.32   1.5864   1203.3   3.24   1.5854   1203.1   3.22   1.5844   1202.9   3.80   3.44   1.5943   1209.3   3.32   1.5934   1209.1   3.37   1.5924   1208.7   3.22   1.5944   1208.7   3.90   3.40   1.6011   1215.1   3.37   1.6002   1214.9   3.35   1.5924   1208.7   3.32   1.5983   1214.5   3.50   1.6143   1226.3   3.47   1.6133   1226.2   3.45   1.6124   1226.0   3.42   1.615   1225.8   420   3.55   1.6207   1231.9   3.52   1.6197   1231.7   3.50   1.6188   1231.6   3.47   1.6179   1231.4   430   3.60   1.6269   1237.4   3.57   1.6260   1237.3   3.55   1.6250   1237.1   3.52   1.6241   1237.0   3.65   1.6363   1242.9   3.62   1.6321   1242.8   3.60   1.6312   1242.6   3.57   1.6303   1242.5   400   3.75   1.6449   1253.8   3.72   1.6440   1253.6   3.69   1.6331   1253.5   3.67   1.6421   1237.0   3.80   1.6507   1259.1   3.77   1.6498   1259.0   3.74   1.6490   1258.9   3.72   1.6481   1258.7   480   3.84   1.6564   1264.5   3.82   1.6556   1264.3   3.79   1.6547   1264.2   3.76   1.6538   1264.1   490   3.89   1.6670   1259.1   3.77   1.6498   1259.0   3.74   1.6690   1258.9   3.72   1.6481   1258.7   480   3.89   1.6670   1259.1   3.79   1.6667   1274.9   3.88   1.6565   1264.3   3.99   1.6730   1280.3   3.96   1.6722   1280.2   3.93   1.6713   1280.1   3.90   1.6758   1285.2   4.01   1.6775   1285.4   3.98   1.6670   1285.0   4.03   1.6889   1290.6   4.01   1.6881   1295.9   4.07   1.6820   1295.8   4.04   1.6863   1295.7   4.02   1.6820   1295.8   4.04   1.6863   1295.7   4.02   1.6820   1295.8   4.04   1.6863   1295.7   4.02   1.6820   1.7864   136.2   1.7644   136.2   1.7644   136.2   1.7644   136.2   1.7644   136.2   1.7644   136.2   1.7644   136.2   1.7644   136.2   1.7644   1377.5   1.6860   1.7864   1403.0   5.00   1.7864   1402.9   4.97   1.7888   1402.9   4.	800	5.45	1.8101	1428.6	5.41	1.8092	1428.6	5.37	1.8084	1428.5	5.33	1.8076	1428.5
Sat.         3.20         1.5756         1193.8         3.18         1.5750         1193.9         3.16         1.5744         1194.0         3.14         1.5738         1194.1           360         3.24         1.5803         1197.6         3.21         1.5793         1197.4         3.19         1.5783         1197.2         3.17         1.5773         1197.0         3.29         1.5874         1203.5         3.27         1.5864         1203.3         3.24         1.5854         1203.1         3.22         1.5844         1202.9         3.80         3.34         1.5943         1209.3         3.32         1.5934         1209.1         3.29         1.5924         1208.9         3.27         1.5914         1208.7         3.90         3.40         1.6011         1215.1         3.37         1.6002         1214.9         3.35         1.5992         1214.7         3.32         1.5983         1214.5         400         3.45         1.6078         1220.7         3.42         1.6068         1220.6         3.40         1.6059         1220.4         3.37         1.6049         1220.2         410         3.55         1.61615         1220.2         420         3.55         1.61625         1231.9         3.57         1.6260 <th></th>													
370 3.29 1.5874 1203.5 3.27 1.5864 1223.3 3.24 1.5854 1203.1 3.22 1.5844 1202.9 380 3.34 1.5943 1209.3 3.32 1.5934 1209.1 3.29 1.5924 1208.9 3.27 1.5914 1208.7 390 3.40 1.6011 1215.1 3.37 1.6002 1214.9 3.35 1.5992 1214.7 3.32 1.5983 1214.5  400 3.45 1.6078 1220.7 3.42 1.6668 1220.6 3.40 1.6059 1220.4 3.37 1.6049 1220.2 410 3.50 1.6143 1226.3 3.47 1.6133 1226.2 3.45 1.6124 1226.0 3.42 1.6115 1225.8 420 3.55 1.6207 1231.9 3.52 1.6197 1231.7 3.50 1.6188 1231.6 3.47 1.6179 1231.4 430 3.60 1.6269 1237.4 3.57 1.6260 1237.3 3.55 1.6250 1237.1 3.52 1.6241 1237.0 440 3.65 1.6330 1242.9 3.62 1.6321 1242.8 3.60 1.6312 1242.6 3.57 1.6303 1242.5  450 3.70 1.6390 1248.4 3.67 1.6381 1248.2 3.65 1.6372 1248.1 3.62 1.6363 1247.9 460 3.75 1.6449 1253.8 3.72 1.6440 1253.6 3.69 1.6431 1253.5 3.67 1.6422 1253.3 470 3.80 1.6507 1259.1 3.77 1.6498 1259.0 3.74 1.6490 1258.9 3.72 1.6481 1258.7 480 3.84 1.6564 1264.5 3.82 1.6556 1264.3 3.79 1.6547 1264.2 3.76 1.6528 1265.4 490 3.89 1.6620 1269.8 3.86 1.6612 1269.7 3.84 1.6603 1269.5 3.81 1.6594 1269.4  500 3.94 1.6676 1275.1 3.91 1.6667 1274.9 3.88 1.6658 1274.8 3.85 1.6650 1274.7 510 3.99 1.6730 1280.3 3.96 1.6722 1280.2 3.93 1.6713 1280.1 3.99 1.6704 1280.5 520 4.03 1.6784 1285.5 4.01 1.6785 1285.4 3.98 1.6767 1285.3 3.99 1.6704 1280.5 530 4.08 1.6837 1290.8 4.05 1.6828 1290.7 4.02 1.6820 1290.6 4.00 1.6811 1290.5 540 4.13 1.6889 1296.0 4.10 1.6881 1295.9 4.07 1.6872 1295.8 4.04 1.6863 1295.7  550 4.63 1.7424 1352.3 4.60 1.7416 1352.2 4.56 1.7408 1352.2 4.53 1.7400 1352.1 700 4.85 1.7648 1377.7 4.82 1.7640 1377.6 4.78 1.7642 1377.6 4.75 1.7624 1377.5 750 5.07 1.7862 1403.0 5.04 1.7854 1403.0 5.00 1.7846 1402.9 4.97 1.7838 1402.9													
370 3.29 1.5874 1203.5 3.27 1.5864 1223.3 3.24 1.5854 1203.1 3.22 1.5844 1202.9 380 3.34 1.5943 1209.3 3.32 1.5934 1209.1 3.29 1.5924 1208.9 3.27 1.5914 1208.7 390 3.40 1.6011 1215.1 3.37 1.6002 1214.9 3.35 1.5992 1214.7 3.32 1.5983 1214.5  400 3.45 1.6078 1220.7 3.42 1.6668 1220.6 3.40 1.6059 1220.4 3.37 1.6049 1220.2 410 3.50 1.6143 1226.3 3.47 1.6133 1226.2 3.45 1.6124 1226.0 3.42 1.6115 1225.8 420 3.55 1.6207 1231.9 3.52 1.6197 1231.7 3.50 1.6188 1231.6 3.47 1.6179 1231.4 430 3.60 1.6269 1237.4 3.57 1.6260 1237.3 3.55 1.6250 1237.1 3.52 1.6241 1237.0 440 3.65 1.6330 1242.9 3.62 1.6321 1242.8 3.60 1.6312 1242.6 3.57 1.6303 1242.5  450 3.70 1.6390 1248.4 3.67 1.6381 1248.2 3.65 1.6372 1248.1 3.62 1.6363 1247.9 460 3.75 1.6449 1253.8 3.72 1.6440 1253.6 3.69 1.6431 1253.5 3.67 1.6422 1253.3 470 3.80 1.6507 1259.1 3.77 1.6498 1259.0 3.74 1.6490 1258.9 3.72 1.6481 1258.7 480 3.84 1.6564 1264.5 3.82 1.6556 1264.3 3.79 1.6547 1264.2 3.76 1.6528 1265.4 490 3.89 1.6620 1269.8 3.86 1.6612 1269.7 3.84 1.6603 1269.5 3.81 1.6594 1269.4  500 3.94 1.6676 1275.1 3.91 1.6667 1274.9 3.88 1.6658 1274.8 3.85 1.6650 1274.7 510 3.99 1.6730 1280.3 3.96 1.6722 1280.2 3.93 1.6713 1280.1 3.99 1.6704 1280.5 520 4.03 1.6784 1285.5 4.01 1.6785 1285.4 3.98 1.6767 1285.3 3.99 1.6704 1280.5 530 4.08 1.6837 1290.8 4.05 1.6828 1290.7 4.02 1.6820 1290.6 4.00 1.6811 1290.5 540 4.13 1.6889 1296.0 4.10 1.6881 1295.9 4.07 1.6872 1295.8 4.04 1.6863 1295.7  550 4.63 1.7424 1352.3 4.60 1.7416 1352.2 4.56 1.7408 1352.2 4.53 1.7400 1352.1 700 4.85 1.7648 1377.7 4.82 1.7640 1377.6 4.78 1.7642 1377.6 4.75 1.7624 1377.5 750 5.07 1.7862 1403.0 5.04 1.7854 1403.0 5.00 1.7846 1402.9 4.97 1.7838 1402.9	Sat.	3.20	[353.6]	1193.8	3.18	[354.2]	1193.9	3.16	[354.8]	1194.0	3.14	[355-3]	1194.1
380 3.34 1.5943 1299.3 3.32 1.5934 1299.1 3.29 1.5924 1208.9 3.27 1.5914 1208.7 399 3.40 1.6011 1215.1 3.37 1.6002 1214.9 3.35 1.5992 1214.7 3.32 1.5983 1214.5   400 3.45 1.6078 1220.7 3.42 1.6068 1220.6 3.40 1.6059 1220.4 3.37 1.6049 1220.2 420 3.55 1.6207 1231.9 3.52 1.6197 1231.7 3.50 1.6188 1231.6 3.47 1.6115 1225.8 420 3.55 1.6269 1237.4 3.57 1.6260 1237.3 3.55 1.6250 1237.1 3.52 1.6197 1231.4 430 3.60 1.6269 1237.4 3.57 1.6260 1237.3 3.55 1.6250 1237.1 3.52 1.6241 1237.0 440 3.65 1.6330 1242.9 3.62 1.6321 1242.8 3.60 1.6312 1242.6 3.57 1.6330 1242.9 3.62 1.6321 1242.8 3.60 1.6312 1242.6 3.57 1.6330 1242.9 4.02 3.58 1.6250 1237.1 3.52 1.6241 1237.0 450 3.75 1.6449 1253.8 3.72 1.6440 1253.6 3.69 1.6431 1253.5 3.67 1.6422 1253.3 470 3.80 1.6507 1259.1 3.77 1.6498 1259.0 3.74 1.6490 1258.9 3.72 1.6481 1258.7 480 3.84 1.6564 1264.5 3.82 1.6556 1264.3 3.79 1.6547 1264.2 3.76 1.6381 1288.7 490 3.89 1.6620 1269.8 3.86 1.6612 1269.7 3.84 1.6603 1269.5 3.81 1.6594 1269.4 490 3.99 1.6730 1280.3 3.96 1.6722 1280.2 3.93 1.6713 1280.1 3.90 1.6704 1280.0 520 4.03 1.6784 1285.5 4.01 1.6775 1285.4 3.98 1.6670 1285.3 3.95 1.6704 1280.0 520 4.03 1.6784 1285.5 4.01 1.6775 1285.4 3.98 1.6670 1285.3 3.95 1.6704 1280.0 520 4.03 1.6784 1285.5 4.01 1.6881 1295.9 4.07 1.6820 1290.8 4.00 1.6811 1290.5 540 4.13 1.6889 1290.0 4.10 1.6881 1295.9 4.07 1.6820 1290.6 4.00 1.6811 1290.5 540 4.13 1.6889 1290.0 4.10 1.6881 1295.9 4.07 1.6820 1290.6 4.00 1.6811 1290.5 540 4.13 1.6889 1290.0 4.10 1.6881 1295.9 4.07 1.6820 1290.6 4.00 1.6811 1290.5 540 4.18 1.6940 1301.1 4.15 1.6932 1301.0 4.12 1.6924 1300.9 4.09 1.6915 1300.9 500 4.48 1.786 1377.7 4.82 1.786 1377.6 4.78 1.7763 1377.6 4.75 1.7624 1377.5 507 1.7862 1403.0 5.04 1.7854 1403.0 5.00 1.7846 1402.9 4.97 1.7838 1402.9			[353.6]			[354.2]			[354.8]			[355.3]	
400 3.45	360	3.24	[353.6] 1.5756 1.5803	1197.6	3.21	[354.2] 1.5750 1.5793	1197.4	3.19	[354.8] 1.5744 1.5783	1197.2	3.17	[355.3] 1.5738 1.5773	1197.0
410 3.50 1.6143 1226.3 3.47 1.6133 1226.2 3.45 1.6124 1226.0 3.42 1.6115 1225.8 420 3.55 1.6207 1231.9 3.52 1.6197 1231.7 3.50 1.6188 1231.6 3.47 1.6179 1231.4 430 3.60 1.6269 1237.4 3.57 1.6260 1237.3 3.55 1.6250 1237.1 3.52 1.6241 1237.0 440 3.65 1.6330 1242.9 3.62 1.6321 1242.8 3.60 1.6312 1242.6 3.57 1.6303 1242.5 450 400 3.75 1.6449 1253.8 3.72 1.6440 1253.6 3.69 1.6431 1253.5 3.67 1.6429 1253.8 3.72 1.6440 1253.6 3.69 1.6431 1253.5 3.67 1.6421 1253.6 480 3.84 1.6564 1264.5 3.82 1.6556 1264.3 3.74 1.6490 1258.9 3.72 1.6481 1258.7 480 3.89 1.6620 1269.8 3.86 1.6612 1269.7 3.84 1.6603 1269.5 3.81 1.6594 1264.1 490 3.99 1.6730 1280.3 3.96 1.6722 1280.3 3.96 1.6721 1285.3 3.91 1.6704 1280.0 520 4.03 1.6784 1285.5 4.01 1.6775 1285.4 3.98 1.6767 1285.3 3.95 1.6794 1280.0 520 4.03 1.6887 1290.8 4.05 1.6888 1290.7 4.02 1.6820 1290.6 4.00 1.6811 1290.5 540 4.13 1.6889 1296.0 4.10 1.6881 1295.9 4.07 1.6872 1295.8 4.04 1.6863 1295.7 550 4.08 1.7189 1326.8 4.37 1.7181 1326.8 4.34 1.7173 1326.7 4.31 1.7164 1326.6 650 4.63 1.7424 1352.3 4.60 1.7416 1352.2 4.56 1.7408 1352.2 4.53 1.7400 1352.1 700 4.85 1.7648 1377.7 4.82 1.7640 1377.6 4.78 1.7861 1402.9 4.97 1.7838 1402.9	360 370	3.24 3.29	[353.6]   1.5756   1.5803   1.5874	1197.6	3.21 3.27	[354.2] 1.5750 1.5793 1.5864	1197.4	3.19	[354.8] 1.5744 1.5783 1.5854	1197.2	3.17 3.22	[355-3]   1.5738   1.5773   1.5844	1197.0
420         3.55         I.6207         1231.9         3.52         I.6197         1231.7         3.50         I.6188         1231.6         3.47         I.6179         1231.4           430         3.60         I.6269         1237.4         3.57         I.6260         1237.3         3.55         I.6250         1237.1         3.52         I.6241         1237.0           440         3.65         I.6330         1242.9         3.62         I.6321         1242.8         3.60         I.6312         1242.6         3.57         I.6303         1242.5           450         3.70         I.6390         1248.4         3.67         I.6381         1248.2         3.65         I.6312         1242.6         3.57         I.6363         1247.9           460         3.75         I.6449         1253.8         3.72         I.6440         1253.6         3.69         I.6431         12253.5         3.67         I.6421         1253.3           470         3.80         I.6567         1259.1         3.77         I.6480         1259.0         3.74         I.6490         1258.9         3.72         I.6481         1253.3           480         3.84         I.6564         1264.5         3.82	360 370 380	3.24 3.29 3.34	[353.6] 1.5756 1.5803 1.5874 1.5943	1197.6 1203.5 1209.3	3.21 3.27 3.32	[354.2] 1.5750 1.5793 1.5864 1.5934	1197.4 1203.3 1209.1	3.19 3.24 3.29	[354.8] 1.5744 1.5783 1.5854 1.5924	1197.2 1203.1 1208.9	3.17 3.22 3.27	[355-3]   1.5738   1.5773   1.5844   1.5914	1197.0 1202.9 1208.7
430	360 370 380 390 <b>400</b>	3.24 3.29 3.34 3.40	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078	1197.6 1203.5 1209.3 1215.1	3.21 3.27 3.32 3.37	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002	1197.4 1203.3 1209.1 1214.9	3.19 3.24 3.29 3.35	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059	1197.2 1203.1 1208.9 1214.7	3.17 3.22 3.27 3.32 3.37	[355-3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049	1197.0 1202.9 1208.7 1214.5
440         3.65         1.6330         1242.9         3.62         1.6321         1242.8         3.60         1.6312         1242.6         3.57         1.6303         1242.5           450         3.70         1.6390         1248.4         3.67         1.6381         1248.2         3.65         1.6372         1248.1         3.62         1.6363         1247.9           460         3.75         1.6449         1253.8         3.72         1.6440         1253.6         3.69         1.6431         1253.5         3.67         1.6422         1253.3           470         3.80         1.6507         1259.1         3.77         1.6498         1259.0         3.74         1.6490         1258.9         3.72         1.6481         1253.8           480         3.84         1.6564         1264.5         3.82         1.6556         1264.3         3.79         1.6547         1264.2         3.76         1.6481         1258.7           490         3.94         1.6626         1275.1         3.91         1.6667         1274.9         3.88         1.6658         1274.8         3.85         1.6550         1274.7           510         3.99         1.6730         1280.3         3.96	360 370 380 390 <b>400</b> 410	3.24 3.29 3.34 3.40 3.45 3.50	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3	3.21 3.27 3.32 3.37 3.42 3.47	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2	3.19 3.24 3.29 3.35 3.40 3.45	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124	1197.2 1203.1 1208.9 1214.7	3.17 3.22 3.27 3.32 3.37 3.42	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115	1197.0 1202.9 1208.7 1214.5
460         3.75         1.6449         1253.8         3.72         1.6440         1253.6         3.69         1.6431         1253.5         3.67         1.6422         1253.3           470         3.80         1.6507         1259.1         3.77         1.6488         1259.0         3.74         1.6490         1258.9         3.72         1.6481         1253.3           480         3.84         1.6564         1264.5         3.82         1.65656         1264.3         3.79         1.6547         1264.2         3.76         1.6538         1264.1           490         3.89         1.6662         1269.8         3.86         1.6612         1269.7         3.88         1.6653         1264.2         3.76         1.6594         1269.4           500         3.94         1.6676         1275.1         3.91         1.6667         1274.9         3.88         1.6658         1274.8         3.85         1.6650         1274.7           510         3.99         1.6784         1285.5         4.01         1.6775         1285.4         3.98         1.6767         1285.3         3.95         1.6758         1285.2         3.93         1.6767         1285.3         3.95         1.6758         1285.	360 370 380 390 <b>400</b> 410 420	3.24 3.29 3.34 3.40 3.45 3.50 3.55	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9	3.21 3.27 3.32 3.37 3.42 3.47 3.52	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7	3.19 3.24 3.29 3.35 3.40 3.45 3.50	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6188	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6	3.17 3.22 3.27 3.32 3.37 3.42 3.47	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4
460         3.75         1.6449         1253.8         3.72         1.6440         1253.6         3.69         1.6431         1253.5         3.67         1.6422         1253.3           470         3.80         1.6507         1259.1         3.77         1.6488         1259.0         3.74         1.6490         1258.9         3.72         1.6481         1253.3           480         3.84         1.6564         1264.5         3.82         1.65656         1264.3         3.79         1.6547         1264.2         3.76         1.6538         1264.1           490         3.89         1.6662         1269.8         3.86         1.6612         1269.7         3.88         1.6653         1264.2         3.76         1.6594         1269.4           500         3.94         1.6676         1275.1         3.91         1.6667         1274.9         3.88         1.6658         1274.8         3.85         1.6650         1274.7           510         3.99         1.6784         1285.5         4.01         1.6775         1285.4         3.98         1.6767         1285.3         3.95         1.6758         1285.2         3.93         1.6767         1285.3         3.95         1.6758         1285.	360 370 380 390 <b>400</b> 410 420 430	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1237.3	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6188 1.6250	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0
470         3.80         1.6507         1259.1         3.77         1.6498         1259.0         3.74         1.6490         1258.9         3.72         1.6481         1258.7           480         3.84         1.6564         1264.5         3.82         1.6556         1264.3         3.79         1.6547         1264.2         3.76         1.6538         1264.1           490         3.89         1.6620         1269.8         3.86         1.6612         1269.7         3.84         1.6603         1269.5         3.81         1.6538         1264.1           500         3.94         1.6676         1275.1         3.91         1.6667         1274.9         3.88         1.6658         1274.8         3.85         1.6650         1274.7           510         3.99         1.6730         1280.3         3.96         1.6722         1280.2         3.93         1.6713         1280.1         3.90         1.6704         1280.0           520         4.03         1.6784         1285.5         4.01         1.6775         1285.4         3.98         1.6767         1285.3         3.95         1.6758         1285.2           530         4.08         1.6887         1290.8         4.05	360 370 380 390 <b>400</b> 410 420 430 440	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.65	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1237.3 1242.8	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6188 1.6250 1.6312	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6 1237.1 1242.6	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5
490         3.89         1.6620         1269.8         3.86         1.6612         1269.7         3.84         1.6603         1269.5         3.81         1.6594         1269.4           500         3.94         1.6676         1275.1         3.91         1.6667         1274.9         3.88         1.6658         1274.8         3.85         1.6650         1274.7           510         3.99         1.6730         1280.3         3.96         1.6722         1285.2         3.93         1.6713         1280.1         3.90         1.6704         1280.0           520         4.03         1.6784         1285.5         4.01         1.6775         1285.4         3.98         1.6767         1285.3         3.95         1.6758         1285.2           530         4.08         1.6837         1290.8         4.05         1.6828         1290.7         4.02         1.6820         1290.6         4.00         1.6811         1290.5           540         4.13         1.6989         1296.0         4.10         1.6881         1295.9         4.07         1.6872         1295.8         4.04         1.6863         1295.7           550         4.18         1.6940         1301.1         4.15	360 370 380 390 400 410 420 430 440	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.65	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1237.3 1242.8	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6188 1.6250 1.6312 1.6372	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6 1237.1 1242.6	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303 1.6363	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5
500         3.94         1.6676         1275.1         3.91         1.6667         1274.9         3.88         1.6658         1274.8         3.85         1.6650         1274.7           510         3.99         1.6730         1280.3         3.96         1.6722         1280.2         3.93         1.6713         1280.1         3.90         1.6704         1280.0           520         4.03         1.6784         1285.5         4.01         1.6775         1285.4         3.98         1.6767         1285.3         3.95         1.6758         1285.2           530         4.08         1.6837         1290.8         4.05         1.6828         1290.7         4.02         1.6820         1290.6         4.00         1.6811         1290.5           540         4.13         1.6889         1296.0         4.10         1.6881         1295.9         4.07         1.6872         1295.8         4.04         1.6863         1295.7           560         4.18         1.6940         1301.1         4.15         1.6932         1301.0         4.12         1.6924         1300.9         4.09         1.6915         1300.9           600         4.40         1.7189         1326.8         4.37	360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.65	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6507	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.63440	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1237.3 1242.8	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6188 1.6250 1.6372 1.6431 1.6490	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6 1237.1 1242.6	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67	[355.3]  1.5738  1.5773 1.5844 1.5914 1.5914 1.6049 1.6115 1.6241 1.6303  1.6363 1.6422 1.6481	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3
510         3.99         1.6730         1280.3         3.96         1.6722         1280.2         3.93         1.673         1280.1         3.90         1.6704         1280.0           520         4.03         1.6784         1285.5         4.01         1.6775         1285.4         3.98         1.6767         1285.3         3.95         1.6758         1285.2           530         4.08         1.6837         1290.8         4.05         1.6828         1290.7         4.02         1.6820         1290.6         4.00         1.6811         1290.5           540         4.13         1.6889         1296.0         4.10         1.6881         1295.9         4.07         1.6872         1295.8         4.04         1.6863         1295.7           550         4.18         1.6940         1301.1         4.15         1.6932         1301.0         4.12         1.6872         1295.8         4.04         1.6863         1295.7           560         4.40         1.7189         1326.8         4.37         1.7181         1326.8         4.34         1.7173         1326.7         4.31         1.7164         1326.6           650         4.63         1.7424         1352.3         4.60	360 370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470 480	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.65 3.70 3.75 3.80 3.84	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6507 1.6504	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.77 3.82	[354-2] 1.5750 1.5793 1.5864 1.5934 1.6068 1.6133 1.6197 1.6260 1.6381 1.6381 1.6440 1.6498 1.6556	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1242.8 1248.2 1253.6 1253.6 1253.6	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.69 3.74 3.79	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6128 1.6250 1.6372 1.6431 1.6490 1.6547	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6 1237.1 1242.6 1248.1 1253.5 1258.9 1264.2	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.72 3.76	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303 1.6363 1.6422 1.6481 1.6538	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1
520         4.03         1.6784         1285.5         4.01         1.6775         1285.4         3.98         1.6767         1285.3         3.95         1.6758         1285.2           530         4.08         1.6837         1290.8         4.05         1.6828         1290.7         4.02         1.6820         1290.6         4.00         1.6811         1290.5           540         4.13         1.6889         1296.0         4.10         1.6881         1295.9         4.07         1.6872         1295.8         4.04         1.6863         1295.7           550         4.18         1.6940         1301.1         4.15         1.6932         1301.0         4.12         1.6924         1300.9         4.09         1.6915         1300.9           600         4.40         1.7189         1326.8         4.37         1.7181         1326.8         4.34         1.7173         1326.7         4.31         1.7164         1326.6           650         4.63         1.7424         1352.3         4.60         1.7416         1352.2         4.56         1.7408         1352.2         4.53         1.7400         1352.1           700         4.85         1.7648         1377.7         4.82	360 370 380 390 400 410 420 430 440 460 470 480 490	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.65 3.70 3.75 3.80 3.84	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6507 1.6504	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.77 3.82	[354-2] 1.5750 1.5793 1.5864 1.5934 1.6068 1.6133 1.6197 1.6260 1.6381 1.6381 1.6440 1.6498 1.6556	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1242.8 1248.2 1253.6 1253.6 1253.6	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.69 3.74 3.79	[354.8] 1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6128 1.6250 1.6372 1.6431 1.6490 1.6547	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6 1237.1 1242.6 1248.1 1253.5 1258.9 1264.2	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.72 3.76	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303 1.6363 1.6422 1.6481 1.6538	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1
530         4.08         1.6837         1290.8         4.05         1.6828         1290.7         4.02         1.6820         1290.6         4.00         1.6811         1290.5           540         4.13         1.6889         1296.0         4.10         1.6881         1295.9         4.07         1.6872         1295.8         4.04         1.6863         1295.7           550         4.18         1.6940         1301.1         4.15         1.6932         1301.0         4.12         1.6924         1300.9         4.09         1.6915         1300.9           600         4.40         1.7189         1326.8         4.37         1.7181         1326.8         4.34         1.7173         1326.7         4.31         1.7164         1326.6           650         4.63         1.7424         1352.3         4.60         1.7416         1352.2         4.56         1.7408         1352.2         4.53         1.7400         1352.1           700         4.85         1.7648         1377.7         4.82         1.7640         1377.6         4.78         1.7846         1402.9         4.97         1.7838         1402.9	360 370 380 390 400 410 420 430 440 460 470 480 490	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.65 3.70 3.75 3.80 3.84 3.89	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6507 1.6564 1.6620 1.6676	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.77 3.82 3.86 3.91	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.6498 1.6556 1.6612	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.69 3.74 3.79 3.84	[354.8]  1.5744  1.5783 1.5854 1.5992 1.6059 1.6124 1.6188 1.6250 1.6312 1.6431 1.6490 1.6547 1.6603	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1237.1 1242.6 1248.1 1253.5 1258.9 1264.2 1269.5	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.76 3.81	[355.3]  1.5773  1.5844  1.5914  1.5983  1.6049  1.6115  1.6179  1.6241  1.6303  1.6422  1.6481  1.6538  1.6594	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1269.4
540         4.13         1.6889         1296.0         4.10         1.6881         1295.9         4.07         1.6872         1295.8         4.04         1.6863         1295.7           550         4.18         1.6940         1301.1         4.15         1.6932         1301.0         4.12         1.6924         1300.9         4.09         1.6915         1300.9           600         4.40         1.7189         1326.8         4.37         1.7181         1326.8         4.34         1.7173         1326.7         4.31         1.7164         1326.6           650         4.63         1.7424         1352.3         4.60         1.7416         1352.2         4.56         1.7408         1352.2         4.53         1.7602         4.75         1.7632         1377.6         4.75         1.7632         1377.6         4.75         1.7846         1402.9         4.97         1.7838         1402.9	360 370 380 390 400 410 420 430 440 460 470 480 490 510	3.24 3.29 3.34 3.40 3.45 3.55 3.60 3.65 3.70 3.75 3.80 3.84 3.89 3.94 3.99	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6564 1.6564 1.6620 1.6676 1.6730	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8	3.21 3.27 3.32 3.37 3.42 3.47 3.57 3.57 3.62 3.67 3.77 3.82 3.86 3.91 3.96	[354-2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6193 1.6260 1.6321 1.6381 1.6440 1.6448 1.6556 1.6612 1.6667 1.6722	1197.4 1203.3 1209.1 1214.9 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7	3.19 3.24 3.29 3.35 3.40 3.45 3.55 3.60 3.65 3.69 3.74 3.79 3.84 3.88 3.93	1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6188 1.6250 1.6372 1.6431 1.6490 1.6547 1.6663 1.6658 1.6713	1197.2 1203.1 1208.9 1214.7 1220.4 1225.6 1237.1 1242.6 1253.5 1258.9 1264.2 1269.5	3.17 3.22 3.27 3.32 3.37 3.42 3.52 3.57 3.62 3.67 3.72 3.76 3.81 3.85 3.90	[355.3]  1.5738  1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6241 1.6303  1.6363 1.6422 1.6481 1.6538 1.6594 1.6650 1.6704	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1258.7 1264.1 1269.4
650         4.18         1.6940         1301.1         4.15         1.6932         1301.0         4.12         1.6924         1300.9         4.09         1.6915         1300.9           600         4.40         1.7189         1326.8         4.37         1.7181         1326.8         4.34         1.7173         1326.7         4.31         1.7164         1326.6           650         4.63         1.7424         1352.3         4.60         1.7416         1352.2         4.56         1.7408         1352.2         4.53         1.7408         1352.1           700         4.85         1.7648         1377.7         4.82         1.7640         1377.6         4.78         1.7632         1377.6         4.75         1.7854         1403.0         5.00         1.7846         1402.9         4.97         1.7838         1402.9	360 370 380 390 400 410 420 430 440 460 470 480 490 510 520	3.24 3.29 3.34 3.40 3.45 3.55 3.60 3.65 3.70 3.75 3.80 3.84 3.89 3.94 4.03	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6564 1.6620 1.6766 1.6730 1.6784	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8	3.21 3.27 3.32 3.37 3.42 3.47 3.57 3.62 3.67 3.77 3.82 3.86 3.91 3.96 4.01	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.6456 1.6556 1.6667 1.6722 1.6775	1197.4 1203.3 1209.1 1214.9 1220.6 1226.2 1231.7 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.60 3.65 3.60 3.74 3.79 3.84 3.88 3.93 3.98	1.5744 1.5783 1.5854 1.5924 1.5992 1.6059 1.6124 1.6188 1.6250 1.6312 1.6431 1.6494 1.6563 1.6658 1.6767	1197.2 1203.1 1208.9 1214.7 1220.4 1231.6 1237.1 1242.6 1248.1 1253.5 1258.9 1264.2 1269.5	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.76 3.76 3.81	[355.3] 1.5773 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303 1.6363 1.6422 1.6481 1.6558 1.6509 1.6704 1.6758	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1269.4
600     4.40     1.7189     1326.8     4.37     1.7181     1326.8     4.34     1.7173     1326.7     4.31     1.7164     1326.6       650     4.63     1.7424     1352.3     4.60     1.7416     1352.2     4.56     1.7408     1352.2     4.53     1.7400     1352.1       700     4.85     1.7648     1377.7     4.82     1.7640     1377.6     4.78     1.7632     1377.6     4.75     1.7624     1377.5       750     5.07     1.7862     1403.0     5.04     1.7854     1403.0     5.00     1.7846     1402.9     4.97     1.7838     1402.9	360 370 380 390 400 410 420 430 440 460 470 480 490 510 520 530	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.75 3.80 3.75 3.84 3.89 3.94 4.03 4.08	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6564 1.65564 1.6620 1.6676 1.6730 1.6730 1.6738 1.6738 1.6837	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8	3.21 3.27 3.32 3.37 3.42 3.52 3.57 3.62 3.67 3.72 3.72 3.72 3.86 3.91 3.96 4.01	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.6498 1.6556 1.6672 1.6672 1.6775 1.6775 1.6828	1197.4 1203.3 1209.1 1214.9 1226.6 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.69 3.74 3.84 3.88 3.93 3.98 4.02	1.5744 1.5783 1.5854 1.5992 1.6059 1.6124 1.6188 1.6250 1.6312 1.6372 1.6431 1.6490 1.6547 1.6603 1.6673 1.6763 1.6768	1197.2 1203.1 1208.9 1214.7 1220.4 1231.6 1237.1 1242.6 1253.5 1258.9 1264.2 1269.5 1274.8 1280.1 1285.3 1290.6	3.17 3.22 3.27 3.32 3.47 3.42 3.47 3.52 3.57 3.62 3.67 3.76 3.76 3.81 3.85 3.95 4.00	[355.3]  1.5773  1.5844  1.5973  1.6049  1.6115  1.6179  1.6241  1.6303  1.6422  1.6481  1.6538  1.6594  1.6650  1.6758  1.6758  1.6811	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1269.4 1274.7 1280.0 1285.2
650     4.63     1.7424     1352.3     4.60     1.7416     1352.2     4.56     1.7408     1352.2     4.53     1.7400     1352.1       700     4.85     1.7648     1377.7     4.82     1.7640     1377.6     4.78     1.7632     1377.6     4.75     1.7624     1377.5       750     5.07     1.7862     1403.0     5.04     1.7854     1403.0     5.00     1.7846     1402.9     4.97     1.7838     1402.9	360 370 380 390 400 410 420 430 440 460 470 480 490 510 520 530 540	3.24 3.29 3.34 3.40 3.45 3.55 3.60 3.65 3.75 3.80 3.84 3.89 3.94 3.99 4.03 4.03 4.13	[353.6] 1.5756 1.5803 1.5874 1.5943 1.6011 1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6507 1.6564 1.6620 1.6676 1.6730 1.6784 1.6889	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8 1275.1 1280.3 1285.5 1290.8	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.77 3.82 3.86 3.91 3.96 4.01 4.05 4.10	[354-2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.6498 1.6556 1.6612 1.6667 1.6772 1.6775 1.6828 1.6881	1197.4 1203.3 1209.1 1214.9 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7 1274.9 1280.2 1285.4 1290.7 1295.9	3.19 3.24 3.29 3.35 3.40 3.45 3.55 3.60 3.65 3.69 3.74 3.79 3.84 3.93 4.02 4.07	[354.8]  1.5744  1.5783 1.5854 1.5992 1.6059 1.6124 1.6188 1.6250 1.6312 1.6490 1.6547 1.6603 1.6658 1.6713 1.6767 1.6820 1.6872	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1231.6 1237.1 1242.6 1248.1 1253.5 1258.9 1264.2 1269.5 1274.8 1280.1 1285.3 1290.6 1295.8	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.72 3.76 3.81 3.85 3.90 3.95 4.00	[355.3]  1.5773  1.5844  1.5914  1.5983  1.6049  1.6115  1.6179  1.6241  1.6303  1.6422  1.6481  1.6538  1.6594  1.6650  1.6758  1.6758  1.6863	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1274.7 1280.0 1285.2 1290.5 1295.7
750 5.07 1.7862 1403.0 5.04 1.7854 1403.0 5.00 1.7846 1402.9 4.97 1.7838 1402.9	360 370 380 390 400 410 420 430 440 460 470 480 490 510 520 530 540	3.24 3.29 3.34 3.40 3.45 3.55 3.60 3.65 3.75 3.80 3.75 3.80 3.84 3.89 4.03 4.03 4.13	[353.6]  1.5756  1.5803 1.5874 1.5943 1.6011  1.6078 1.6143 1.6207 1.6269 1.6330  1.6390 1.6449 1.6507 1.6564 1.6620  1.6676 1.6784 1.6889 1.6889	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8 1275.1 1280.3 1285.5 1290.8 1301.1	3.21 3.27 3.32 3.37 3.42 3.47 3.57 3.62 3.67 3.77 3.82 3.86 3.91 4.05 4.10	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.6498 1.6556 1.6672 1.6775 1.6828 1.6881 1.6932	1197.4 1203.3 1209.1 1214.9 1226.6 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7 1274.9 1280.2 1285.4 1290.7 1295.9	3.19 3.24 3.29 3.35 3.40 3.45 3.55 3.60 3.65 3.69 3.74 3.79 3.84 3.93 3.98 4.02 4.07	1.5744 1.5783 1.5854 1.5924 1.6924 1.6924 1.6188 1.6250 1.6312 1.6431 1.6431 1.6490 1.6549 1.6563 1.6767 1.6820 1.6872 1.6872	1197.2 1203.1 1208.9 1214.7 1220.4 1225.6 1237.1 1242.6 1253.5 1258.9 1264.2 1269.5 1274.8 1280.1 1285.3 1290.6 1295.8	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.72 3.76 3.81 3.85 3.90 3.95 4.00 4.04	[355.3] 1.5738 1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303 1.6422 1.6481 1.6558 1.6594 1.6650 1.6758 1.6863 1.6863 1.6863 1.6863	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1269.4 1274.7 1280.0 1285.2 1290.5 1295.7
	360 370 380 390 400 410 420 430 440 460 470 480 490 510 520 530 540 <b>550</b> 600 650	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.65 3.75 3.80 3.84 3.89 4.03 4.03 4.13 4.18	[353.6]  1.5756  1.5803 1.5874 1.5943 1.6011  1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6507 1.6564 1.6620 1.6676 1.6730 1.6784 1.6889	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8 1275.1 1280.3 1285.5 1290.8 1296.0	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.77 3.82 3.86 3.91 3.96 4.01 4.15 4.37 4.60	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.64556 1.6612 1.6667 1.6775 1.6828 1.6881 1.6932 1.6932	1197.4 1203.3 1209.1 1214.9 1226.6 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7 1274.9 1280.2 1285.4 1290.7 1295.9	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.69 3.74 3.79 3.84 3.88 3.93 3.98 4.02 4.07	1.5744 1.5783 1.5854 1.5992 1.6059 1.6124 1.6188 1.6250 1.6312 1.6372 1.6431 1.6490 1.6547 1.6668 1.6767 1.6820 1.6872 1.6820 1.6872	1197.2 1203.1 1208.9 1214.7 1220.4 1237.6 1237.1 1242.6 1248.1 1253.5 1258.9 1264.2 1269.5 1274.8 1280.1 1285.3 1290.6 1295.8	3.17 3.22 3.27 3.32 3.47 3.52 3.57 3.62 3.67 3.76 3.76 3.81 3.85 3.90 4.00 4.04	[355.3]  1.5773  1.5844  1.5913  1.6049  1.6115  1.6179  1.6241  1.6303  1.6422  1.6481  1.6558  1.6594  1.6650  1.6758  1.6863  1.6915  1.7164  1.7400	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1269.4 1274.7 1280.0 1285.2 1290.5 1295.7
800   5.29   1.8068   1428.4   5.25   1.8060   1428.4   5.22   1.8052   1428.4   5.18   1.8044   1428.3	360 370 380 390 400 410 420 430 440 460 470 480 490 510 520 530 540 600 650 700	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.75 3.80 3.84 3.89 4.08 4.13 4.18 4.18 4.40 4.63 4.85	[353.6]  1.5756  1.5803 1.5874 1.5943 1.6011  1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6557 1.6564 1.6620  1.6676 1.6730 1.6784 1.6889  1.6940 1.7189 1.7424 1.7648	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8 1275.1 1280.3 1285.5 1296.0 1301.1 1326.8 1352.3 1377.7	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.77 3.82 3.86 3.91 4.01 4.15 4.37 4.60 4.82	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.6498 1.6556 1.6612 1.6667 1.6722 1.6722 1.6722 1.6722 1.6722 1.6722 1.6932 1.7181 1.7416 1.7446	1197.4 1203.3 1209.1 1214.9 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7 1274.9 1280.2 1285.4 1290.7 1295.9 1301.0 1326.8	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.69 3.74 3.79 3.84 3.98 4.02 4.07 4.12 4.34 4.56 4.78	1.5744 1.5783 1.5854 1.5992 1.6059 1.6124 1.6188 1.6250 1.6372 1.6431 1.6490 1.6547 1.6603 1.6658 1.6713 1.6658 1.6713 1.6820 1.6820 1.6820 1.6820 1.6924 1.7173 1.7408 1.7408	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1237.1 1242.6 1237.1 1242.6 1253.5 1258.9 1264.2 1269.5 1274.8 1280.1 1280.1 1280.6 1295.8	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.76 3.81 3.85 3.90 4.00 4.04	[355.3]  1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303 1.6422 1.6481 1.6538 1.6594 1.6650 1.6704 1.6788 1.6811 1.6863 1.6915 1.7164 1.7400	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1274.7 1280.0 1285.2 1290.5 1295.7
	360 370 380 390 400 410 420 430 440 460 470 480 490 500 510 520 530 540 650 700 750	3.24 3.29 3.34 3.40 3.45 3.50 3.55 3.60 3.75 3.80 3.84 3.89 4.08 4.13 4.18 4.18 4.40 4.63 4.85	[353.6]  1.5756  1.5803 1.5874 1.5943 1.6011  1.6078 1.6143 1.6207 1.6269 1.6330 1.6390 1.6449 1.6557 1.6564 1.6620  1.6676 1.6730 1.6784 1.6889  1.6940 1.7189 1.7424 1.7648	1197.6 1203.5 1209.3 1215.1 1220.7 1226.3 1231.9 1237.4 1242.9 1248.4 1253.8 1259.1 1264.5 1269.8 1275.1 1280.3 1285.5 1296.0 1301.1 1326.8 1352.3 1377.7	3.21 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.77 3.82 3.86 3.91 4.01 4.15 4.37 4.60 4.82	[354.2] 1.5750 1.5793 1.5864 1.5934 1.6002 1.6068 1.6133 1.6197 1.6260 1.6321 1.6381 1.6440 1.6498 1.6556 1.6612 1.6667 1.6722 1.6722 1.6722 1.6722 1.6722 1.6722 1.6932 1.7181 1.7416 1.7446	1197.4 1203.3 1209.1 1214.9 1226.2 1231.7 1237.3 1242.8 1248.2 1253.6 1259.0 1264.3 1269.7 1274.9 1280.2 1285.4 1290.7 1295.9 1301.0 1326.8	3.19 3.24 3.29 3.35 3.40 3.45 3.50 3.55 3.60 3.65 3.69 3.74 3.79 3.84 3.98 4.02 4.07 4.12 4.34 4.56 4.78	1.5744 1.5783 1.5854 1.5992 1.6059 1.6124 1.6188 1.6250 1.6372 1.6431 1.6490 1.6547 1.6603 1.6658 1.6713 1.6658 1.6713 1.6820 1.6820 1.6820 1.6820 1.6924 1.7173 1.7408 1.7408	1197.2 1203.1 1208.9 1214.7 1220.4 1226.0 1237.1 1242.6 1237.1 1242.6 1253.5 1258.9 1264.2 1269.5 1274.8 1280.1 1280.1 1280.6 1295.8	3.17 3.22 3.27 3.32 3.37 3.42 3.47 3.52 3.57 3.62 3.67 3.76 3.81 3.85 3.90 3.95 4.00 4.04 4.09 4.31 4.53 4.75	[355.3]  1.5773 1.5844 1.5914 1.5983 1.6049 1.6115 1.6179 1.6241 1.6303 1.6422 1.6481 1.6538 1.6594 1.6650 1.6704 1.6788 1.6811 1.6863 1.6915 1.7164 1.7400	1197.0 1202.9 1208.7 1214.5 1220.2 1225.8 1231.4 1237.0 1242.5 1247.9 1253.3 1258.7 1264.1 1274.7 1280.0 1285.2 1290.5 1295.7

Pres- sure		<b>161</b> [364.1]			<b>162</b> [364.6]			<b>163</b> [365.1]			<b>164</b> [365.6]	
Temp	v	s	i	v	s	i	v	s	i	v	s	i
Sat.	2.82	1.5643	1195.8	2.81	1.5638	1195.8	2.79	1.5633	1195.9	2.77	1.5627	1196.0
370	2.85	1.5687	1199.3	2.83	1.5678	1199.1	2.81	1.5669	1198.9	2.79	1.5660	1198.7
380	2.90	1.5759	1205.3	2.88	1.5750	1205.1	2.86	1.5741	1204.9	2.84	1.5732	1204.7
390	2.95	1.5829	1211.3	2.93	1.5820	1211.1	2.91	1.5812	1210.9	2.89	1.5803	1210.7
400	2.99	1.5897	1217.1	2.97	1.5889	1216.9	2.95	1.5880	1216.7	2.93	1.5872	1216.6
410	3.04	1.5964	1222.9	3.02	1.5956	1222.7	3.00	1.5947	1222.5	2.98	1.5939	1222.4
420 430	3.08	1.6030	1228.6	3.06	1.6021	1228.4	3.04	1.6013	1228.3	3.02	1.6005	1233.8
440	3.17	1.6157	1239.9	3.15	1.6148	1239.8	3.13	1.6140	1239.6	3.11	1.6132	1239.4
450	3.22	1.6218	1245.5	3.20	1.6210	1245.3	3.18	1.6202	1245.2	3.16	1.6194	1245.0
460	3.26	1.6279	1251.0	3.24	1.6271	1250.9	3.22	1.6263	1250.7	3.20	1.6255	1250.6
470	3.31	1.6338	1256.5	3.28	1.6330	1256.4	3.26	1.6322	1256.2	3.24	1.6314	1256.1
480	3.35	1.6396	1261.9	3.33	1.6388	1261.8	3.31	1.6380	1261.7	3.29	1.6373	1261.6
490	3.39	1.6453	1267.4	3.37	1.6446	1267.2	3.35	1.6438	1267.1	3.33	1.6430	1267.0
500	3.43	1.6510	1272.7	3.41	1.6502	1272.6	3.39	1.6494	1272.5	3.37	1.6487	1272.4
510 520	3.48	1.6565	1278.1	3.45	1.6558	1278.0	3.43	1.6550	1277.9	3.41	1.6542	1277.8
530	3.56	1.6674	1288.7	3.54	1.6666	1288.6	3.52	1.6659	1288.5	3.49	1.6651	1288.4
540	3.60	1.6727	1294.0	3.58	1.6719	1293.9	3.56	1.6712	1293.8	3.53	1.6704	1293.7
550	3.64	1.6779	1299.3	3.62	1.6772	1299.2	3.60	1.6764	1299.1	3.57	1.6757	1299.0
600	3.85	1.7031	1325.3	3.82	1.7024	1325.2	3.80	1.7016	1325.1	3.77	1.7009	1325.1
650	4.05	1.7269	1351.0	4.02	1.7261	1351.0	4.00	1.7254	1350.9	3.97	1.7247	1350.9
700	4.24	1.7494	1376.6	4.21	1.7487	1376.6	4.19	1.7480	1376.5	4.16	1.7473	1376.5
750	4.44	1.7710		4.41	1.7703	1402.1	4.38			4.35		
800 850	4.63	1.7917	1427.7	4.60 4.79	1.7910	1427.7	4.57 4.76	1.7903	1427.6	4·54 4·73	1.7896	1427.6
_	<u> </u>				1			1			1	
		165			166			167			168	
	=	[366.1]			[366.5]		-1	[367.0]			[367.5]	
Sat.	2.76	[366.1]	1196.1	2.74	[366.5]	1196.2	2.72	[367.0] 1.5612	1196.2	2.71	[367.5] 1.5607	1196.3
370	2.78	[366.1] 1.5622 1.5651	1198.5	2.76	[366.5] 1.5617 1.5643	1198.3	2.74	[367.0] 1.5612 1.5634	1198.1	2.72	[367.5] 1.5607 1.5625	1197.8
370 380	2.78	[366.1] 1.5622 1.5651 1.5723	1198.5	2.76 2.81	[366.5]   1.5617   1.5643   1.5715	1198.3	2.74	[367.0] 1.5612 1.5634 1.5706	1198.1	2.72	[367.5] 1.5607 1.5625 1.5698	1197.8
370 380 390	2.78 2.82 2.87	[366.1] 1.5622 1.5651 1.5723 1.5794	1198.5 1204.5 1210.5	2.76 2.81 2.85	[366.5] 1.5617 1.5643 1.5715 1.5786	1198.3 1204.3 1210.3	2.74 2.79 2.83	[367.0] 1.5612 1.5634 1.5706 1.5777	1198.1 1204.1 1210.1	2.72 2.77 2.81	[367.5] 1.5607 1.5625 1.5698 1.5769	1197.8 1203.9 1209.9
370 380 390 <b>400</b>	2.78 2.82 2.87	[366.1]  1.5622  1.5651 1.5723 1.5794 1.5863	1198.5 1204.5 1210.5	2.76 2.81 2.85	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855	1198.3 1204.3 1210.3	2.74 2.79 2.83 2.88	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846	1198.1 1204.1 1210.1	2.72 2.77 2.81 2.86	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838	1197.8 1203.9 1209.9
370 380 390 <b>400</b> 410	2.78 2.82 2.87 2.92 2.96	[366.1] 1.5622 1.5651 1.5723 1.5794 1.5863 1.5931	1198.5 1204.5 1210.5 1216.4 1222.2	2.76 2.81 2.85 2.90 2.94	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855 1.5922	1198.3 1204.3 1210.3 1216.2 1222.0	2.74 2.79 2.83 2.88 2.92	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914	1198.1 1204.1 1210.1 1216.0 1221.8	2.72 2.77 2.81 2.86 2.90	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906	1197.8 1203.9 1209.9 1215.8 1221.7
370 380 390 <b>400</b>	2.78 2.82 2.87	[366.1]  1.5622  1.5651 1.5723 1.5794 1.5863	1198.5 1204.5 1210.5	2.76 2.81 2.85	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855	1198.3 1204.3 1210.3	2.74 2.79 2.83 2.88	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846	1198.1 1204.1 1210.1	2.72 2.77 2.81 2.86	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838	1197.8 1203.9 1209.9
370 380 390 <b>400</b> 410 420	2.78 2.82 2.87 2.92 2.96 3.00	[366.1] 1.5622 1.5651 1.5723 1.5794 1.5863 1.5931 1.5997	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0	2.76 2.81 2.85 2.90 2.94 2.99	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855 1.5922 1.5988	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8	2.74 2.79 2.83 2.88 2.92 2.97	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6	2.72 2.77 2.81 2.86 2.90 2.95	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5
370 380 390 <b>400</b> 410 420 430	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09	[366.1] 1.5622 1.5651 1.5723 1.5794 1.5863 1.5931 1.5997 1.6061	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7	2.76 2.81 2.85 2.90 2.94 2.99 3.03	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5	2.74 2.79 2.83 2.88 2.92 2.97 3.01	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980 1.6045	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972 1.6037	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2
370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18	[366.1]  1.5622  1.5651 1.5723 1.5794  1.5863 1.5931 1.5997 1.6061 1.6124  1.6186 1.6247	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6178 1.6239	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980 1.6045 1.6108 1.6170 1.6231	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.12	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972 1.6037 1.6100 1.6162 1.6223	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8
370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18 3.22	[366.1]  1.5622  1.5651 1.5723 1.5794  1.5863 1.5931 1.5997 1.6061 1.6124  1.6186 1.6247 1.6366	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5 1256.0	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6178 1.6239 1.6239	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1 1244.7 1250.3 1255.8	2.74 2.79 2.83 2.88 2.92 2.97 3.05 3.10 3.14 3.18	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5985 1.608 1.6108	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0 1244.6 1250.2 1255.7	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.12 3.16	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972 1.6037 1.6100 1.6162 1.6223 1.6223	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6
370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18	[366.1]  1.5622  1.5651 1.5723 1.5794  1.5863 1.5931 1.5997 1.6061 1.6124  1.6186 1.6247	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16	[366.5] 1.5617 1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6178 1.6239	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980 1.6045 1.6108 1.6170 1.6231	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.12	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972 1.6037 1.6100 1.6162 1.6223	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8
370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470 480 490	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18 3.22 3.26 3.31	[366.1]  1.5622  1.5651  1.5723  1.5794  1.5863  1.5997  1.6061  1.6124  1.6186  1.6247  1.6306  1.6365  1.63422	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5 1256.0 1261.4 1266.9	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20 3.24 3.29	[366.5]  1.5643 1.5715 1.5786 1.5855 1.5982 1.5988 1.6053 1.6116 1.6178 1.6239 1.6298 1.6357 1.6414	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1 1244.7 1250.3 1255.8 1261.3 1266.8	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05 3.14 3.18 3.22 3.26	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980 1.6045 1.6108 1.6170 1.6231 1.6291 1.6349 1.6407	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0 1244.6 1250.2 1255.7 1261.2 1266.6	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.12 3.16 3.20 3.24	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5906 1.5972 1.6037 1.6100  1.6162 1.6223 1.6283 1.6342 1.6399	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5
370 380 390 <b>400</b> 410 420 430 440 <b>450</b> 460 470 480	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18 3.22 3.26	[366.1]  1.5622  1.5651 1.5723 1.5794  1.5863 1.5931 1.5993 1.6061 1.6124  1.6186 1.6247 1.6306 1.6365	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5 1256.0 1261.4	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20 3.24	[366.5]  1.5617  1.5643 1.5715 1.5786  1.5855 1.5922 1.5983 1.6116  1.6178 1.6239 1.6239 1.6238 1.6238	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1 1244.7 1250.3 1255.8 1261.3	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.14 3.14 3.14 3.22 3.26	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980 1.6045 1.6108 1.6170 1.6231 1.6291 1.6349 1.6407	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0 1244.6 1250.2 1255.7 1261.2	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.12 3.16 3.20 3.24	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972 1.6037 1.6100 1.6102 1.6223 1.6223 1.6223 1.6223 1.6223 1.6223	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1
370 380 390 410 420 430 440 450 460 470 480 490 500 510 520	2.78 2.82 2.87 2.92 2.96 3.05 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.39 3.43	[366.1]  1.5622  1.5651 1.5723 1.5794  1.5863 1.5931 1.5993 1.6061 1.6124  1.6186 1.6247 1.6306 1.6365 1.6422  1.6479 1.6538 1.6589	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1233.7 1244.9 1250.5 1261.4 1266.9	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.16 3.20 3.24 3.29 3.33 3.37 3.41	[366.5]  1.5643 1.5715 1.5786  1.5855 1.5922 1.5983 1.6116  1.6239 1.6239 1.6239 1.6357 1.6414 1.6471 1.6527 1.6582	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1233.5 1255.8 1261.3 1266.8	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05 3.14 3.18 3.22 3.26	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980 1.6045 1.6108 1.6170 1.6231 1.6291 1.6349 1.6407	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1233.3 1239.0 1244.6 1255.2 1266.6 1272.0 1277.4 1282.8	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.12 3.16 3.20 3.24 3.28 3.33 3.37	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972 1.6037 1.6100 1.6162 1.6223 1.6223 1.6283 1.6342 1.6399 1.6456 1.6512 1.6567	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.6 1261.1 1266.5
370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530	2.78 2.82 2.87 2.92 2.96 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.43 3.47	[366.1]  1.5622  1.5651  1.5723  1.5794  1.5863  1.5997  1.6061  1.6124  1.6186  1.6247  1.6306  1.6345  1.6479  1.6535  1.6535  1.6589  1.6538	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1233.3 1244.9 1250.5 1256.0 1261.4 1266.9	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20 3.24 3.29 3.33 3.37 3.41 3.45	[366.5]  1.5643 1.5715 1.5786 1.5855 1.5982 1.5988 1.6053 1.6116 1.6239 1.6298 1.6357 1.6414 1.6527 1.6582 1.6636	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1233.5 1239.1 1244.7 1255.3 1261.3 1266.8	2.74 2.79 2.83 2.88 2.92 2.97 3.05 3.10 3.18 3.22 3.26 3.30 3.35 3.39 3.43	[367.0]  1.5612  1.5634 1.5706 1.5777  1.5846 1.5914 1.5980 1.6045 1.6108  1.6170 1.6231 1.6291 1.6349 1.644 1.6519 1.6574 1.6628	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1233.0 1244.6 1255.7 1261.2 1266.6	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.16 3.20 3.24 3.28 3.33 3.37 3.41	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5906 1.5972 1.6037 1.6100  1.6162 1.6223 1.6342 1.6349 1.6456 1.6512 1.6567 1.6621	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.8 1244.4 1250.0 1255.6 1261.1 1266.5
370 380 390 410 420 430 440 450 460 470 480 490 510 520 530 540	2.78 2.82 2.87 2.92 2.96 3.05 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.39 3.43	[366.1]  1.5622  1.5651 1.5723 1.5794  1.5863 1.5931 1.5993 1.6061 1.6124  1.6186 1.6247 1.6306 1.6365 1.6422  1.6479 1.6538 1.6589	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1233.7 1244.9 1250.5 1261.4 1266.9	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.16 3.20 3.24 3.29 3.33 3.37 3.41	[366.5]  1.5643 1.5715 1.5786  1.5855 1.5922 1.5983 1.6116  1.6239 1.6239 1.6239 1.6357 1.6414 1.6471 1.6527 1.6582	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1233.5 1255.8 1261.3 1266.8	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05 3.14 3.18 3.22 3.26 3.30 3.35 3.39	[367.0] 1.5612 1.5634 1.5706 1.5777 1.5846 1.5914 1.5980 1.6045 1.6108 1.6170 1.6231 1.6291 1.6349 1.6407	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1233.3 1239.0 1244.6 1255.2 1266.6 1272.0 1277.4 1282.8	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.12 3.16 3.20 3.24 3.28 3.33 3.37	[367.5] 1.5607 1.5625 1.5698 1.5769 1.5838 1.5906 1.5972 1.6037 1.6100 1.6162 1.6223 1.6223 1.6283 1.6342 1.6399 1.6456 1.6512 1.6567	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5 1271.9 1277.3 1282.7 1288.0 1293.3
370 380 390 410 420 430 440 450 460 470 480 490 500 510 520 530 540	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.39 3.43 3.47 3.51	[366.1]  1.5622  1.5651 1.5723 1.5794  1.5863 1.5997 1.6061 1.6124  1.6186 1.6247 1.6366 1.6365 1.6422 1.6479 1.6535 1.6589 1.6643 1.6697 1.6749	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5 1256.0 1261.4 1266.9 1272.3 1277.6 1283.0 1288.3 1293.6	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.16 3.20 3.24 3.29 3.33 3.37 3.41 3.45 3.49 3.53	[366.5]  1.5643 1.5715 1.5786  1.5855 1.5922 1.5988 1.6053 1.6116  1.6239 1.6239 1.6357 1.6414 1.6471 1.6527 1.6582 1.6636 1.6689 1.6742	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1 1244.7 1250.3 1255.8 1261.3 1266.8 1272.2 1277.5 1282.9 1288.2 1293.5	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05 3.10 3.14 3.22 3.26 3.35 3.39 3.43 3.47 3.51	[367.0]  1.5612  1.5634 1.5706 1.5777  1.5846 1.5914 1.5985 1.6108  1.6108  1.6231 1.6291 1.6349 1.6407  1.6464 1.6579 1.6628 1.6682 1.6682	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0 1244.6 1250.2 1255.7 1261.2 1266.6 1272.0 1277.4 1282.8 1288.1 1293.4	2.72 2.77 2.81 2.86 2.90 2.95 3.03 3.08 3.12 3.16 3.20 3.24 3.33 3.37 3.41 3.45	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5906 1.5973 1.6007 1.6100  1.6162 1.6223 1.6283 1.6342 1.6399 1.6456 1.6512 1.6567 1.6621 1.6674 1.6727	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5 1271.9 1277.3 1282.7 1288.0 1293.3
370 380 390 410 420 430 440 450 460 470 480 490 510 520 530 540 550 600	2.78 2.82 2.87 2.92 2.96 3.05 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.43 3.47 3.51 3.55 3.75	[366.1]  1.5622  1.5651  1.5723  1.5794  1.5863  1.5997  1.6061  1.6124  1.6186  1.6247  1.6306  1.6325  1.6429  1.6429  1.6535  1.6529  1.65389  1.6643  1.6697	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1233.7 1250.5 1261.4 1266.9 1272.3 1277.6 1283.0 1288.3 1293.6	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20 3.24 3.29 3.33 3.41 3.45 3.49 3.53 3.73	[366.5]  1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6239 1.6239 1.6357 1.6414 1.6471 1.6527 1.6582 1.6636 1.6689 1.6742 1.6994	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1 1244.7 1250.3 1266.8 1272.2 1277.5 1282.9 1288.2 1293.5	2.74 2.79 2.83 2.88 2.92 2.97 3.05 3.10 3.18 3.22 3.26 3.30 3.35 3.39 3.43 3.47	[367.0]  1.5612  1.5634 1.5706 1.5777  1.5846 1.5914 1.5980 1.6045 1.6108  1.6170 1.6231 1.6291 1.6349 1.6407 1.6407 1.6508 1.6519 1.6528 1.6682	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1233.3 1239.0 1244.6 1255.2 1266.6 1272.0 1277.4 1282.8 1288.1 1293.4	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.16 3.20 3.24 3.33 3.37 3.41 3.45 3.49 3.68	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5906 1.5972 1.6037 1.6100  1.6162 1.6223 1.6283 1.6342 1.6399 1.6456 1.6512 1.6567 1.6621 1.6674	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5 1271.9 1277.3 1282.7 1288.0 1293.3
370 380 390 400 410 420 430 440 450 460 470 480 490 510 520 530 540 550 600 650	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.47 3.51	[366.1]  1.5622  1.5651  1.5723  1.5794  1.5863  1.5997  1.6061  1.6124  1.6186  1.6247  1.6306  1.6365  1.6422  1.6479  1.6589  1.6589  1.6643  1.6697	1198.5 1204.5 1210.5 1216.4 1222.2 1223.7 1239.3 1244.9 1250.5 1256.0 1261.4 1266.9 1272.3 1277.6 1283.3 1293.6	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20 3.24 3.29 3.33 3.37 3.41 3.45 3.49	[366.5]  1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6239 1.6298 1.6357 1.6414 1.6527 1.6589 1.6636 1.6689	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1 1244.7 1250.3 1255.8 1261.3 1266.8 1272.2 1277.5 1282.9 1288.2 1293.5	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05 3.10 3.14 3.22 3.26 3.35 3.39 3.43 3.47	[367.0]  1.5612  1.5634 1.5706 1.5777  1.5846 1.5914 1.5980 1.6045 1.6108  1.6170 1.6231 1.6291 1.6349 1.6407 1.6559 1.6528 1.6628 1.6628 1.6734 1.6987 1.7225	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0 1244.6 1250.2 1255.7 1261.2 1266.6 1272.0 1277.4 1282.8 1288.1 1293.4	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.12 3.16 3.20 3.24 3.28 3.33 3.37 3.41 3.45 3.68 3.68 3.68 3.87	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5906 1.5972 1.6037 1.6100  1.6162 1.6223 1.6283 1.6342 1.6399  1.6456 1.6512 1.6567 1.6621 1.6674  1.6727 1.6980 1.7218	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5 1271.9 1277.3 1282.7 1288.0 1293.3
370 380 390 410 420 430 440 450 460 470 480 490 510 520 530 540 550 600	2.78 2.82 2.87 2.92 2.96 3.05 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.43 3.47 3.51 3.55 3.75	[366.1]  1.5622  1.5651  1.5723  1.5794  1.5863  1.5997  1.6061  1.6124  1.6186  1.6247  1.6306  1.6325  1.6429  1.6429  1.6535  1.6529  1.6539  1.6643  1.6697	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1233.7 1250.5 1261.4 1266.9 1272.3 1277.6 1283.0 1288.3 1293.6	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20 3.24 3.29 3.33 3.41 3.45 3.49 3.53 3.73	[366.5]  1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6239 1.6239 1.6357 1.6414 1.6471 1.6527 1.6582 1.6636 1.6689 1.6742 1.6994	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1239.1 1244.7 1250.3 1266.8 1272.2 1277.5 1282.9 1288.2 1293.5	2.74 2.79 2.83 2.88 2.92 2.97 3.05 3.10 3.18 3.22 3.26 3.30 3.35 3.39 3.43 3.47	[367.0]  1.5612  1.5634 1.5706 1.5777  1.5846 1.5914 1.5980 1.6045 1.6108  1.6170 1.6231 1.6291 1.6349 1.6407 1.6407 1.6508 1.6519 1.6528 1.6682	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1233.3 1239.0 1244.6 1255.2 1266.6 1272.0 1277.4 1282.8 1288.1 1293.4	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.08 3.16 3.20 3.24 3.33 3.37 3.41 3.45 3.49 3.68	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5906 1.5972 1.6037 1.6100  1.6162 1.6223 1.6283 1.6342 1.6399 1.6456 1.6512 1.6567 1.6621 1.6674	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5 1271.9 1277.3 1282.7 1288.0 1293.3
370 380 390 410 420 430 440 450 460 470 480 490 510 520 530 540 550 600 650 700	2.78 2.82 2.87 2.92 2.96 3.05 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.47 3.51 3.55 3.75 3.95 4.14 4.33	[366.1]  1.5622  1.5651  1.5723  1.5794  1.5863  1.5997  1.6061  1.6124  1.6186  1.6247  1.6306  1.6325  1.6429  1.6429  1.6535  1.65429  1.6535  1.6529  1.7022  1.7240  1.7466  1.7682	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5 1261.4 1266.9 1272.3 1277.6 1288.3 1293.6 1298.9 1325.0 1350.8 1376.4 1402.0	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.16 3.20 3.24 3.29 3.33 3.37 3.41 3.45 3.49 3.53 3.73 3.92 4.11 4.30	[366.5]  1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6239 1.6239 1.6357 1.6414 1.6527 1.6582 1.6636 1.6689 1.6742 1.6994 1.7232 1.7458 1.7674	1198.3 1204.3 1210.3 1216.2 1222.0 1227.8 1233.5 1233.5 1255.8 1261.3 1266.8 1272.2 1277.5 1282.9 1288.2 1293.5 1298.8 1324.9 1350.7 1376.4 1401.9	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05 3.10 3.14 3.22 3.26 3.35 3.39 3.43 3.47 3.51 3.70 3.90 4.09 4.28	[367.0]  1.5612  1.5634 1.5706 1.5777  1.5846 1.5914 1.5980 1.6045 1.6108  1.6170 1.6231 1.6291 1.6349 1.6407 1.6407 1.6519 1.6574 1.6628 1.6734 1.6987 1.7225 1.7451 1.7667	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0 1244.6 1250.2 1255.7 1261.2 1266.6 1272.0 1277.4 1282.8 1288.1 1293.4 1298.7 1324.8 1350.7 1376.3 1401.9	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.16 3.20 3.24 3.33 3.37 3.41 3.45 3.49 3.68 3.89 4.96 4.25	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5906 1.5972 1.6037 1.6100  1.6162 1.6223 1.6283 1.6342 1.6399 1.6456 1.6512 1.6567 1.6621 1.6674  1.6727 1.6980 1.7218 1.7444 1.7660	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5 1271.9 1277.3 1282.7 1288.0 1293.3 1298.6 1324.8 1350.6 1376.3 1401.9
370 380 390 410 420 430 440 450 460 470 480 490 510 520 530 540 550 600 650 700 750	2.78 2.82 2.87 2.92 2.96 3.00 3.05 3.09 3.14 3.18 3.22 3.26 3.31 3.35 3.47 3.51 3.55 3.75 3.95 4.14	[366.1]  1.5622  1.5651  1.5723  1.5794  1.5863  1.5931  1.6061  1.6124  1.6186  1.6247  1.6306  1.6365  1.6422  1.6479  1.6535  1.6643  1.6697  1.7466	1198.5 1204.5 1210.5 1216.4 1222.2 1228.0 1233.7 1239.3 1244.9 1250.5 1256.0 1261.4 1266.9 1272.3 1277.6 1283.0 1283.3 1298.9 1325.0 1350.8 1376.4	2.76 2.81 2.85 2.90 2.94 2.99 3.03 3.07 3.12 3.16 3.20 3.24 3.29 3.33 3.37 3.41 3.45 3.49 3.53 3.73 3.73	[366.5]  1.5643 1.5715 1.5786 1.5855 1.5922 1.5988 1.6053 1.6116 1.6178 1.6239 1.6298 1.6357 1.6414 1.6471 1.6527 1.6636 1.6636 1.6636 1.678	1198.3 1204.3 1210.3 1216.2 1222.0 1222.0 1223.5 1233.5 1239.1 1244.7 1250.3 1266.8 1272.2 1277.5 1282.9 1288.2 1293.5	2.74 2.79 2.83 2.88 2.92 2.97 3.01 3.05 3.14 3.18 3.22 3.26 3.35 3.39 3.43 3.47 3.51 3.70 4.09	[367.0]  1.5612  1.5634 1.5706 1.5777  1.5846 1.5914 1.5980 1.6045 1.6108  1.6170 1.6231 1.6291 1.6349 1.6407  1.6464 1.6519 1.6574 1.6688 1.66882 1.6734 1.6987 1.7225 1.7451	1198.1 1204.1 1210.1 1216.0 1221.8 1227.6 1233.3 1239.0 1244.6 1250.2 1255.7 1261.2 1266.6 1272.0 1272.0 1282.8 1288.1 1298.7 1324.8 1298.7 1324.8	2.72 2.77 2.81 2.86 2.90 2.95 2.99 3.03 3.16 3.20 3.24 3.28 3.33 3.37 3.45 3.49 3.68 3.87 4.06	[367.5]  1.5607  1.5625 1.5698 1.5769  1.5838 1.5962 1.6037 1.6100  1.6162 1.6223 1.6283 1.6342 1.6399  1.6456 1.6512 1.6667 1.6627 1.6627 1.6627 1.6980 1.7218 1.7444	1197.8 1203.9 1209.9 1215.8 1221.7 1227.5 1233.2 1238.8 1244.4 1250.0 1255.6 1261.1 1266.5 1271.9 1282.7 1282.7 1288.0 1298.6 1324.8 1350.6 1376.3

Pres- sure		169 [368.0]			170 [368.5]			<b>171</b> [369.0]			172 [369.4]	
Temp °F.	V	8	i	▼	s	i	v	s	i		8	i
Sat.	2.69	1.5602	1196.4	2.68	1.5597	1196.5	2.66	1.5592	1196.6	2.65	1.5587	1196.6
370	2.70	1.5617	1197.6	2.69	1.5608	1197.4	2.67	1.5599	1197.2	2.65	1.5591	1197.0
380	2.75	1.5689	1203.7	2.73	1.5681	1203.5	2.71	1.5672	1203.3	2.70	1.5664	1203.1
390	2.79	1.5760	1209.7	2.78	1.5752	1209.5	2.76	1.5744	1209.3	2.74	1.5735	1209.1
400	2.84	1.5830	1215.6	2.82	1.5821	1215.4	2.80	1.5813	1215.2	2.79	1.5805	1215.1
410	2.88	1.5898	1221.5	2.87	1.5889	1221.3	2.85	1.5881	1221.1	2.83	1.5873	1221.0
430	2.93	1.5964	1227.3	2.91	1.5956	1227.1	2.89	1.5948	1226.9	2.87	1.5940	1226.8
440	3.02	1.6092	1238.7	3.00	1.6084	1238.5	2.98	1.6076	1238.4	2.96	1.6068	1232.5
450	3.06	1.6154	1244.3	3.04	1.6146	1244.2	3.02	1.6139	1244.0	3.00	1.6131	1243.9
460	3.10	1.6215	1249.9	3.08	1.6207	1249.8	3.06	1.6200	1249.6	3.04	1.6192	1249.5
470	3.14	1.6275	1255.4	3.12	1.6267	1255.3	3.10	1.6260	1255.2	3.08	1.6252	1255.0
480	3.18	1.6334	1260.9	3.16	1.6326	1260.8	3.14	1.6318	1260.7	3.12	1.6311	1260.5
490	3.22	1.6392	1266.4	3.20	1.6384	1266.3	3.18	1.6376	1266.1	3.16	1.6369	1266.0
500	3.26	1.6448	1271.8	3.24	1.6441	1271.7	3.22	1.6433	1271.6	3.20	1.6426	1271.5
510	3.31	1.6504	1277.2	3.29	1.6497	1277.1	3.27	1.6489	1277.0	3.25	1.6482	1276.9
520	3.35	1.6559	1282.6	3.33	1.6552	1282.5	3.31	1.6544	1282.3	3.29	1.6537	1282.2
530	3.39	1.6613	1287.9	3.37	1.6606	1287.8	3.35	1.6599	1287.7	3.33	1.6591	1287.6
540	3.43	1.6667	1293.2	3.41	1.6660	1293.1	3.38	1.6652	1293.0	3.36	1.6645	1292.9
550	3.47	1.6720	1298.5	3.45	1.6712	1298.4	3.42	1.6705	1298.3	3.40	1.6698	1298.2
600	3.66	1.6973	1324.7	3.64	1.6966	1324.6	3.62	1.6958	1324.5	3.59	1.6951	1324.4
650	3.85	1.7211	1350.5	3.83	1.7204	1350.5	3.81	1.7197	1350.4	3.78	1.7190	1350.3
700 750	4.04	1.7437	1376.2	4.02	1.7647	1376.2	3.99 4.17	1.7424	1376.1	3.97 4.15	1.7417	1376.1
800	4.41	1.7861	1427.4	4.38	1.7854	1427.4	4.36	1.7848	1427.3	4.33	1.7841	1427.3
850	4.59	1.8061	1453.1	4.56	1.8054	1453.1	4.54	1.8048	1453.0	4.51	1.8041	1453.0
		173 [369.9]			<b>174</b> [370.4]			<b>175</b> [370.8]			176 [371.3]	
Sat.	2.63		1196.7	2.62		1196.8	2.61	1.5572		- 40		1196.9
		1.5582			1.5577	1190.0	2.01	1.3312	1190.9	2.59	1.5567	
-0-		1.5582							1196.9			
380	2.68	1.5656	1202.9	2.66	1.5647	1202.7	2.65	1.5639	1202.5	2.63	1.5631	1202.3
390	2.68 2.73				1.5647			1.5639				1202.3
390 <b>400</b>	2.68 2.73 2.77	1.5656 1.5727 1.5797	1202.9	2.66 2.71 2.75	1.5647 1.5719 1.5789	1202.7 1208.7	2.65 2.69 2.74	1.5639 1.5711 1.5781	1202.5 1208.5	2.63 2.67	1.5631 1.5703	1202.3
390 400 410	2.68 2.73 2.77 2.81	1.5656 1.5727 1.5797 1.5865	1202.9 1208.9 1214.9 1220.8	2.66 2.71 2.75 2.79	1.5647 1.5719 1.5789 1.5857	1202.7 1208.7 1214.7 1220.6	2.65 2.69 2.74 2.78	1.5639 1.5711 1.5781 1.5849	1202.5 1208.5 1214.5 1220.4	2.63 2.67 2.72 2.76	1.5631 1.5703 1.5773 1.5841	1202.3 1208.3 1214.3 1220.2
390 400 410 420	2.68 2.73 2.77 2.81 2.86	1.5656 1.5727 1.5797 1.5865 1.5932	1202.9 1208.9 1214.9 1220.8 1226.6	2.66 2.71 2.75 2.79 2.84	1.5647 1.5719 1.5789 1.5857 1.5924	1202.7 1208.7 1214.7 1220.6 1226.4	2.65 2.69 2.74 2.78 2.82	1.5639 1.5711 1.5781 1.5849 1.5916	1202.5 1208.5 1214.5 1220.4 1226.3	2.63 2.67 2.72 2.76 2.80	1.5631 1.5703 1.5773 1.5841 1.5908	1202.3 1208.3 1214.3 1220.2 1226.1
390 400 410	2.68 2.73 2.77 2.81	1.5656 1.5727 1.5797 1.5865	1202.9 1208.9 1214.9 1220.8	2.66 2.71 2.75 2.79	1.5647 1.5719 1.5789 1.5857	1202.7 1208.7 1214.7 1220.6	2.65 2.69 2.74 2.78	1.5639 1.5711 1.5781 1.5849	1202.5 1208.5 1214.5 1220.4	2.63 2.67 2.72 2.76	1.5631 1.5703 1.5773 1.5841	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9
390 400 410 420 430	2.68 2.73 2.77 2.81 2.86 2.90	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4	2.66 2.71 2.75 2.79 2.84 2.88	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2	2.65 2.69 2.74 2.78 2.82 2.86	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0	2.63 2.67 2.72 2.76 2.80 2.85	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6
390 400 410 420 430 440	2.68 2.73 2.77 2.81 2.86 2.90 2.94	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1	2.66 2.71 2.75 2.79 2.84 2.88 2.92	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6177	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9	2.65 2.69 2.74 2.78 2.82 2.86 2.91	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7	2.63 2.67 2.72 2.76 2.80 2.85 2.89	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6
390 400 410 420 430 440 450 460 470	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6177	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8	2.65 2.69 2.74 2.78 2.82 2.86 2.91	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6169 1.6230	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6100 1.6162 1.6222	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1243.3 1248.9
390 400 410 420 430 440 450 460 470 480	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06 3.11	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1260.4	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05 3.09	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6177 1.6237 1.6237	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6230 1.6230	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.01 3.05	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6100 1.6162 1.6222 1.6281	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1243.3 1248.9 1254.5 1260.0
390 400 410 420 430 440 450 460 470	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6177	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6169 1.6230	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.01	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6100 1.6162 1.6222	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1243.3 1248.9
390 400 410 420 430 440 450 460 470 480 490 500	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.06 3.11 3.15	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1260.4 1265.9	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05 3.09 3.13	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6177 1.6237 1.6296 1.6354	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11	1.5639 1.5711 1.5781 1.5849 1.5918 1.5981 1.6045 1.6169 1.6230 1.6289 1.6347 1.6404	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1265.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.01 3.05 3.09	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6160 1.6162 1.6222 1.6281 1.6339	1202.3 1208.3 1214.3 1220.2 1226.1 1237.9 1237.6 1243.3 1248.9 1254.5 1260.0 1265.5
390 400 410 420 430 440 450 460 470 480 490 500 510	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06 3.11 3.15 3.19 3.23	1.5656 1.5727 1.5797 1.5865 1.5992 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.4 1249.3 1254.9 1260.4 1265.9	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05 3.09 3.13 3.17 3.21	1.5647 1.5719 1.5789 1.5857 1.5924 1.6953 1.6115 1.6177 1.6237 1.6296 1.6354	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.19	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6289 1.6347 1.6404 1.6404	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1265.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.01 3.05 3.09 3.13 3.17	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6100 1.6162 1.6222 1.6281 1.6339 1.6397 1.6453	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1248.9 1254.5 1260.0 1265.5
390 400 410 420 430 440 450 460 470 480 490 500 510 520	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.06 3.01 3.15 3.19 3.23 3.27	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.64475 1.6475	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1254.9 1256.4 1265.9	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.05 3.05 3.09 3.13 3.17 3.21 3.21	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6227 1.6226 1.6354 1.6411 1.6467 1.6523	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.19 3.23	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6230 1.6230 1.6289 1.6347 1.6404 1.6460 1.6515	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1265.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.93 2.97 3.01 3.05 3.09	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6162 1.6222 1.6281 1.6339 1.6359 1.6453 1.6508	1202.3 1208.3 1214.3 1220.2 1226.1 1237.6 1243.3 1248.9 1254.5 1260.0 1265.5
390 400 410 420 430 440 450 460 470 480 490 500 510	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06 3.11 3.15 3.19 3.23	1.5656 1.5727 1.5797 1.5865 1.5992 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.4 1249.3 1254.9 1260.4 1265.9	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05 3.09 3.13 3.17 3.21	1.5647 1.5719 1.5789 1.5857 1.5924 1.6953 1.6115 1.6177 1.6237 1.6296 1.6354	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.19	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6289 1.6347 1.6404 1.6404	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1265.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.01 3.05 3.09 3.13 3.17	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6100 1.6162 1.6222 1.6281 1.6339 1.6397 1.6453	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1248.9 1254.5 1260.0 1265.5
390 400 410 420 430 440 450 460 470 480 490 500 510 520 530	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06 3.11 3.15 3.23 3.27 3.31 3.34	1.5656 1.5727 1.5797 1.5865 1.5932 1.6961 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475 1.6530 1.6584 1.6638	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1260.4 1265.9 1271.3 1276.7 1282.1 1287.5 1292.8	2.66 2.71 2.75 2.79 2.88 2.92 2.96 3.00 3.05 3.09 3.13 3.17 3.21 3.25 3.29 3.32	1.5647 1.5719 1.5789 1.5857 1.5924 1.6989 1.6053 1.6115 1.6177 1.6296 1.6354 1.6411 1.6467 1.6523 1.6577 1.6631	1202.7 1214.7 1220.6 1226.4 1232.2 1237.9 1249.2 1254.8 1260.3 1265.8 1271.2 1276.6 1282.0 1287.4 1292.7	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.23 3.27 3.30	1.5639 1.5711 1.5781 1.5849 1.5916 1.5088 1.6045 1.6289 1.6289 1.6347 1.6464 1.6464 1.6555 1.6570	1202.5 1208.5 1214.5 1226.4 1226.3 1237.7 1243.4 1249.0 1254.6 1260.1 1271.1 1276.5 1281.9 1287.3 1292.6	2.63 2.67 2.72 2.76 2.85 2.89 2.93 2.97 3.01 3.05 3.09 3.13 3.17 3.21 3.25 3.28	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6162 1.6222 1.6281 1.6339 1.6353 1.6562 1.6562	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1243.3 1248.3 1254.5 1260.0 1265.5
390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.06 3.11 3.15 3.23 3.27 3.31 3.34	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475 1.6530 1.6584 1.6638	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1232.4 1232.4 1232.9 1249.3 1254.9 1260.4 1265.9 1271.3 1276.7 1282.1 1287.5 1292.8	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.05 3.05 3.09 3.13 3.17 3.21 3.25 3.29 3.32	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6237 1.6236 1.6354 1.6411 1.6467 1.6523 1.6523	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.19 3.23 3.27 3.30	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6289 1.6347 1.6404 1.6460 1.6515 1.6570 1.6624	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1260.1 1260.1 1271.1 1276.5 1281.9	2.63 2.67 2.72 2.76 2.85 2.89 2.93 2.93 2.93 3.01 3.05 3.09 3.13 3.17 3.21 3.25 3.28	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6100 1.6162 1.6222 1.6281 1.6339 1.6453 1.6562	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1248.9 1254.5 1260.0 1265.5 1271.0 1281.8 1287.2 1292.5
390 400 410 410 420 430 440 450 460 470 500 510 5520 5530 5540	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06 3.11 3.15 3.23 3.27 3.31 3.34	1.5656 1.5727 1.5797 1.5865 1.5932 1.6961 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475 1.6530 1.6584 1.6638	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1260.4 1265.9 1271.3 1276.7 1282.1 1287.5 1292.8	2.66 2.71 2.75 2.79 2.88 2.92 2.96 3.00 3.05 3.09 3.13 3.17 3.21 3.25 3.29 3.32	1.5647 1.5719 1.5789 1.5857 1.5924 1.6953 1.6053 1.6115 1.6237 1.6237 1.6236 1.6354 1.6441 1.6467 1.6523 1.6577 1.6631	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1249.2 1254.8 1260.3 1265.8 1271.2 1276.6 1282.0 1287.4 1292.7	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.23 3.27 3.30	1.5639 1.5711 1.5781 1.5849 1.5981 1.6045 1.6169 1.6230 1.6289 1.6347 1.6404 1.6460 1.6515 1.6570 1.6624	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1265.6 1271.1 1276.5 1281.9 1287.3 1292.6	2.63 2.67 2.72 2.76 2.85 2.89 2.93 2.97 3.01 3.05 3.09 3.13 3.17 3.21 3.25 3.28	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6160 1.6162 1.6222 1.6281 1.6339 1.6339 1.6453 1.6508 1.6508 1.6566 1.6669	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1243.3 1248.3 1254.5 1260.0 1265.5
390 400 410 410 420 430 440 450 460 470 500 510 5520 5530 5540	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.06 3.11 3.15 3.23 3.27 3.31 3.34 3.38 3.57	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475 1.6530 1.6584 1.6638	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1260.4 1265.9 1271.3 1276.7 1282.1 1287.5 1292.8	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.05 3.09 3.13 3.17 3.21 3.25 3.29 3.32 3.36 3.55	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6177 1.6226 1.6354 1.6411 1.6467 1.6523 1.6577 1.6631 1.6683 1.6683	1202.7 1208.7 1214.7 1220.6 1226.2 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8 1271.2 1276.6 1282.0 1287.4 1292.7	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.23 3.27 3.30 3.34 3.53	1.5639 1.5711 1.5781 1.5849 1.5916 1.598 1.6045 1.6230 1.6289 1.6347 1.6404 1.6460 1.6570 1.6624 1.6696 1.6931 1.7170 1.7397	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1265.6 1271.1 1276.5 1281.9 1287.3 1292.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.05 3.09 3.13 3.25 3.28 3.32 3.51	1.5631 1.5703 1.5773 1.5841 1.5903 1.6337 1.6100 1.6162 1.6222 1.6281 1.6339 1.6339 1.6453 1.6562 1.6666 1.6669 1.6694 1.7163 1.7390	1202.3 1208.3 1214.3 1220.2 1226.1 1237.6 1243.3 1248.9 1254.5 1260.0 1265.5 1271.0 1281.8 1287.2 1292.5
390 400 410 420 440 440 450 460 470 480 490 500 5520 5530 5540 660 6650	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.01 3.15 3.19 3.23 3.27 3.31 3.34 3.38 3.57 3.76	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475 1.6530 1.6584 1.6638 1.6691 1.6691 1.6944 1.7183	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1265.9 1271.3 1276.7 1282.1 1282.1 1287.5 1292.8	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05 3.13 3.17 3.21 3.25 3.29 3.32 3.36 3.55 3.74	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6237 1.6236 1.6354 1.6417 1.6447 1.6523 1.6577 1.6631 1.6683 1.6683 1.6683 1.6937 1.7177	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8 1271.2 1276.2 1282.0 1282.0 1287.4 1292.7	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.19 3.23 3.27 3.30	1.5639 1.5711 1.5781 1.5849 1.5916 1.5088 1.6045 1.6289 1.6289 1.6347 1.6464 1.6460 1.6515 1.6570 1.6624 1.6676 1.6631 1.7170	1202.5 1208.5 1214.5 1220.4 1226.3 1237.7 1243.4 1249.0 1254.6 1265.1 1265.1 1271.1 1265.5 1281.9 1287.3 1292.6	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.05 3.05 3.09 3.13 3.21 3.25 3.28	1.5631 1.5773 1.5773 1.5841 1.5908 1.5973 1.6037 1.6162 1.6222 1.6281 1.6339 1.6453 1.6562 1.6562 1.6666 1.6669 1.6669	1202.3 1208.3 1214.3 1220.2 1226.1 1237.6 1243.3 1248.9 1254.5 1260.0 1265.5 1271.0 1276.4 1281.8 1287.2 1292.5
390 400 410 420 430 440 450 460 470 480 500 510 5520 5520 5520 650 650 7700 750 800	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.02 3.06 3.11 3.15 3.19 3.23 3.27 3.31 3.34 3.57 3.76 3.94 4.13	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6362 1.6475 1.6536 1.6538 1.6691 1.6944 1.7183 1.7410 1.7627	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1238.1 1243.7 1249.3 1254.9 1265.9 1271.3 1276.7 1282.1 1287.5 1292.8 1298.1 1324.4 1350.3 1376.0 1401.6	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.00 3.05 3.13 3.17 3.21 3.25 3.29 3.32 3.36 3.55 3.74 3.92 4.10	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6227 1.6226 1.6354 1.6411 1.6467 1.6523 1.6577 1.6631 1.6683 1.6937 1.7177 1.7403 1.7620 1.7828	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1271.2 1265.8 1271.2 1282.0 1282.0 1282.0 1282.1 1292.7	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.23 3.27 3.30 3.34 3.53 3.72 3.90 4.08	1.5639 1.5711 1.5781 1.5849 1.5916 1.5981 1.6045 1.6169 1.6230 1.6289 1.6347 1.6404 1.6450 1.6575 1.6570 1.6624 1.6676 1.6931 1.7170 1.7397 1.7613	1202.5 1208.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1265.6 1271.1 1265.5 1281.9 1287.3 1292.6 1297.9 1324.2 1350.1 1375.9 1401.5	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.05 3.09 3.13 3.25 3.28 3.32 3.51 3.70 3.88 4.06 4.23	1.5631 1.5773 1.5773 1.5841 1.5908 1.5973 1.6037 1.6160 1.6162 1.6222 1.6281 1.6339 1.6453 1.6562 1.6666 1.6669 1.6924 1.7163 1.7390 1.7607	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1243.3 1248.9 1254.5 1260.0 1265.5 1271.0 1281.8 1287.2 1292.5 1297.8 1324.1 1350.1 1375.8 1401.5
390 400 410 420 430 440 450 460 470 480 500 5510 5520 5530 5540 550 6650 7700 7750	2.68 2.73 2.77 2.81 2.86 2.90 2.94 2.98 3.06 3.11 3.15 3.23 3.27 3.31 3.34 3.57 3.76 3.94 4.13	1.5656 1.5727 1.5797 1.5865 1.5932 1.5997 1.6061 1.6123 1.6184 1.6245 1.6304 1.6362 1.6419 1.6475 1.6530 1.6584 1.6638 1.6691 1.6944 1.7183 1.7410 1.7627	1202.9 1208.9 1214.9 1220.8 1226.6 1232.4 1232.4 1232.4 1243.7 1249.3 1254.9 1260.4 1265.9 1271.3 1276.7 1282.1 1287.5 1292.8 1298.1 1324.4 1350.3 1376.0 1401.6	2.66 2.71 2.75 2.79 2.84 2.88 2.92 2.96 3.05 3.09 3.13 3.17 3.21 3.25 3.29 3.32 3.36 3.55 3.74 3.92 4.10	1.5647 1.5719 1.5789 1.5857 1.5924 1.5989 1.6053 1.6115 1.6227 1.6227 1.6236 1.6354 1.6411 1.6467 1.6523 1.6523 1.6527 1.6631 1.6683 1.6937 1.7177 1.7403 1.7403 1.7620	1202.7 1208.7 1214.7 1220.6 1226.4 1232.2 1237.9 1243.6 1249.2 1254.8 1260.3 1265.8 1271.2 1276.6 1282.0 1287.4 1292.7 1298.0 1324.3 1350.2 1375.9 1401.6	2.65 2.69 2.74 2.78 2.82 2.86 2.91 2.95 2.99 3.03 3.07 3.11 3.15 3.23 3.27 3.30 3.34 3.53 3.72 3.90 4.08	1.5639 1.5711 1.5781 1.5849 1.5981 1.6045 1.6169 1.6230 1.6289 1.6347 1.6404 1.6460 1.6515 1.6570 1.6624 1.6676 1.6931 1.7170 1.7397 1.7613	1202.5 1214.5 1220.4 1226.3 1232.0 1237.7 1243.4 1249.0 1254.6 1260.1 1271.1 1276.5 1281.9 1287.3 1292.6 1297.9 1324.2 1350.1 1375.9 1401.5	2.63 2.67 2.72 2.76 2.80 2.85 2.89 2.93 2.97 3.05 3.05 3.09 3.13 3.21 3.25 3.28 3.32 3.51 3.70 3.88 4.06	1.5631 1.5703 1.5773 1.5841 1.5908 1.5973 1.6037 1.6160 1.6162 1.6222 1.6281 1.6339 1.6339 1.6453 1.6508 1.6508 1.6669 1.6669 1.7163 1.7163 1.7390 1.7607	1202.3 1208.3 1214.3 1220.2 1226.1 1231.9 1237.6 1243.3 1248.9 1254.5 1260.0 1265.5 1271.0 1276.4 1281.8 1287.2 1292.5 1297.8 1324.1 1350.1 1375.8 1401.5

Pres- sure		177 [371.8]			178 [372.2]			179 [372.7]			[373.1]	
Temp	V	s	i	v	s	i '	٧	s	i	v	s	i
Sat.	2.58	1.5562	1197.0	2.56	1.5557	1197.1	2.55	1.5552	1197.2	2.54	1.5547	1197.2
380 390	2.62 2.66	1.5623 1.5695	1202.1	2.60 2.64	1.5614	1201.9	2.58	1.5606	1201.7	2.57	1.5598	1201.4
400	2.70	1.5765	1214.1	2.68	1.5757	1213.9	2.67	1.5749	1213.8	2.65	1.5741	1213.6
410	2.74	1.5833	1220.1	2.73	1.5825	1219.9	2.71	1.5817	1219.7	2.70	1.5810	1219.5
420	2.79	1.5900	1225.9	2.77	1.5892	1225.8	2.75	1.5884	1225.6	2.74	1.5877	1225.4
430	2.83	1.5966	1231.7	2.81	1.5958	1231.5	2.79	1.5950	1231.4	2.78	1.5943	1231.2
440	2.87	1.6030	1237.4	2.85	1.6022	1237.3	2.84	1.6014	1237.1	2.82	1.6007	1237.0
450	2.91	1.6093	1243.1	2.89	1.6085	1243.0	2.88	1.6077	1242.8	2.86	1.6070	1242.7
460	2.95	1.6155	1248.8	2.93	1.6147	1248.6	2.92	1.6139	1248.5	2.90	1.6132	1248.3
470	2.99	1.6215	1254.4	2.97	1.6207	1254.2	2.96	1.6200	1254.1	2.94	1.6192	1253.9
480	3.03	1.6274	1259.9	3.01	1.6266	1259.8	3.00	1.6259	1259.6	2.98	1.6252	1259.5
490	3.07	1.6332	1265.4	3.05	1.6325	1265.3	3.04	1.6318	1265.1	3.02	1.6310	1265.0
500	3.11	1.6390	1270.9	3.09	1.6382	1270.7	3.07	1.6375	1270.6	3.06	1.6368	1270.5
510	3.15	1.6446	1276.3	3.13	1.6438	1276.2	3.11	1.6431	1276.1	3.10	1.6424	1275.9
520	3.19	1.6501	1281.7	3.17	1.6494	1281.6	3.15	1.6487	1281.5	3.13	1.6480	1281.4
530	3.23	1.6556	1287.1	3.21	1.6548	1287.0	3.19	1.6541	1286.9	3.17	1.6534	1286.8
540	3.27	1.6610	1292.4	3.25	1.6602	1292.3	3.23	1.6595	1292.2	3.21	1.6588	1292.1
550	3.30	1.6663	1297.7	3.29	1.6655	1297.6	3.27	1.6648	1297.5	3.25	1.6641	1297.4
600	3.49	1.6917	1324.1	3.47	1.6910	1324.0	3.45	1.6903	1323.9	3.43	1.6896	1323.8
650	3.67	1.7157	1350.0	3.65	1.7150	1349.9	3.63	1.7143	1349.9	3.61	1.7136	1349.8
700	3.85	1.7384	1375.8	3.83	1.7377	1375.7	3.81	1.7370	1375.7	3.79	1.7364	1375.6
750	4.03	1.7601	1401.5	4.01	1.7594	1401.4	3.99	1.7587	1401.4	3.96	1.7581	1401.3
800	4.21	1.7809	1427.1	4.18	1.7802	1427.1	4.16	1.7795	1427.0	4.14	1.7789	1427.0
850	4.38	1.8009	1452.8	4.36	1.8002	1452.8	4.33	1.7995	1452.8	4.31	1.7989	1452.7
900	4.66	1.8202	1478.7	4.63	1.8195	1478.6	4.51	1.8189	1478.6	4.49	1.8183	1478.6
		<b>181</b> [373.6]			<b>182</b> [374.0]			<b>183</b> [374.5]			<b>184</b> [374.9]	
Sat.	2.52	1.5542	1197.3	2.51	1.5538	1197.4	2.50	1.5533	1197.4	2.48	1.5528	1197.5
380 390	2.55 2.59	1.5590	1201.2	2.54 2.58	1.5582	1201.0	2.52	1.5574 1.5646	1200.8	2.50 2.55	1.5566 1.5639	1200.6
400	2.64	1.5733	1213.4	2.62	1.5725	1213.2	2.60	1.5717	1213.0	2.59	1.5710	1212.8
410	2.68	1.5802	1219.3	2.66	1.5794	1219.2	2.65	1.5786	1219.0	2.63	1.5779	1218.8
420	2.72	1.5869	1225.2	2.70	1.5861	1225.1	2.69	1.5854	1224.9	2.67	1.5846	1224.7
430	2.76	1.5935	1231.1	2.75	1.5927	1230.9	2.73	1.5920	1230.7	2.71	1.5912	1230.6
440	2.80	1.5999	1236.8	2.79	1.5992	1236.7	2.77	1.5984	1236.5	2.75	1.5977	1236.4
450	2.84	1.6063	1242.5	2.83	1.6055	1242.4	2.81	1.6048	1242.2	2.79	1.6040	1242.1
460	2.88	1.6125	1248.2	2.87	1.6117	1248.1	2.85	1.6110	1247.9	2.83	1.6102	1247.8
470	2.92	1.6185	1253.8	2.91	1.6178	1253.7	2.89	1.6171	1253.5	2.87	1.6163	1253.4
480	2.96	1.6245	1259.4	2.94	1.6237	1259.2	2.93	1.6230	1259.1	2.91	1.6223	1259.0
490	3.00	1.6303	1264.9	2.98	1.6296	1264.8	2.97	1.6289	1264.6	2.95	1.6282	1264.5
500	3.04	1.6361	1270.4	3.02	1.6353	1270.3	3.00	1.6346	1270.1	2.99	1.6339	1270.0
510	3.08	1.6417	1275.8	3.06	1.6410	1275.7	3.04	1.6403	1275.6	3.03	1.6396	1275.5
520	3.12	1.6473	1281.2	3.10	1.6466	1281.1	3.08	1.6459	1281.0	3.06	1.6452	1280.9
530	3.15	1.6527	1286.6	3.14	1.6520	1286.5	3.12	1.6513	1286.4	3.10	1.6507	1286.3
540	3.19	1.6581	1292.0	3.17	1.6574	1291.9	3.15	1.6567	1291.8	3.14	1.6561	1291.7
550	3.23	1.6634	1297.3	3.21	1.6627	1297.3	3.19	1.6621	1297.2	3.17	1.6614	1297.1
600	3.41.	1.6890	1323.7	3.39	1.6883	1323.7	3.37	1.6876	1323.6	3.35	1.6870	1323.5
650	3.59	1.7130	1349.7	3.57	1.7123	1349.7	3.55	1.7116	1349.6	3.53	1.7110	1349.5
700	3.77	1.7357	1375.6	3.75	1.7351	1375.5	3.73	1.7344	1375.5	3.71	1.7337	1375.4
750	3.94	1.7574	1401.3	3.92	1.7568	1401.2	3.90	1.7561	1401.2	3.88	1.7555	1401.1
800	4.11	1.7782	1427.0	4.09	1.7776	1426.9	4.07	1.7770	1426.9	4.05	1.7764	1426.8
850	4.28	1.7983	1452.7	4.26	1.7976		4.24	1.7970	1452.6	4.21	1.7964	1452.6
900	4.45	1.8176	1478.5	4.43	1.8170		4.41	1.8164	1478.5	4.38	1.8158	1478.5

Pres- sure		185 [375.4]			186 [375.8]			<b>187</b> [376.3]			188 [376.7]	
Temp	v	s	i	v	s	i	▼	s	i	٧	s	i
Sat.	2.47	1.5523	1197.6	2.46	1.5519	1197.6	2.44	1.5514	1197.7	2.43	1.5509	1197.8
380 390	2.49 2.53	1.5558	1200.4	2.48	1.5550	1200.2	2.46	1.5542	1200.0	2.45 2.49	1.5534	1199.8
400 410	2.57	1.5702	1212.6	2.56	1.5694	1212.5	2.54	1.5686	1212.3	2.53	1.5679	1212.1
420	2.66	1.5839	1224.5	2.64	1.5831	1224.4	2.63	1.5824	1224.2	2.61	1.5816	1224.0
430	2.70	1.5905	1230.4	2.72	1.5897	1230.2	2.67 2.7I	1.5890	1235.9	2.65	1.5883	1229.9
450	2.78	1.6033	1241.9	2.76	1.6026	1241.8	2.75	1.6019	1241.6	2.73	1.6011	1241.5
460	2.82	1.6095	1247.6	2.80	1.6088	1247.5	2.79	1.6081	1247.3	2.77	1.6074	1247.2
480	2.90	1.6216	1258.9	2.88	1.6209	1258.7	2.86	1.6202	1258.6	2.85	1.6195	1258.4
490	2.93	1.6275	1264.4	2.92	1.6268	1264.3	2.90	1.6261	1264.1	2.88	1.6254	1264.0
500	2.97	1.6332	1269.9	2.95	1.6325	1269.8	2.94	1.6318	1269.6	2.92	1.6311	1269.5
510	3.01	1.6389	1275.4	2.99	1.6382	1275.3	2.97 3.01	1.6375	1275.1	2.96	1.6368	1275.0
520	3.08	1.6500	1286.2	3.03	1.6493	1286.1	3.05	1.6486	1286.0	3.03	1.6479	1285.9
540	3.12	1.6554	1291.6	3.10	1.6547	1291.5	3.08	1.6540	1291.4	3.07	1.6534	1291.3
550	3.16	1.6607	1297.0	3.14	1.6600	1296.9	3.12	1.6594	1296.8	3.10	1.6587	1296.7
600	3.34	1.6863	1323.4	3.32	1.6857	1323.3	3.30	1.6850	1323.3	3.28	1.6843	1323.2
650 700	3.51	1.7104	1349.5	3.49 3.66	1.7097	1349.4	3.47 3.64	1.7091	1349.4	3.45 3.62	1.7084	1349.3
750	3.85	1.7549	1401.1	3.83	1.7543	1401.0	3.81	1.7536	1401.0	3.79	1.7530	1400.9
800	4.02	1.7757	1426.8	4.00	1.7751	1426.8	3.98	1.7745	1426.7	3.96	1.7739	1426.7
850	4.19	1.7958	1452.6	4.17	1.7952	1452.6	4.15	1.7946	1452.5	4.12	1.7939	1452.5
900	4.36	1.8152	1478.5	4.34	1.8146	1478.4	4.31	1.8139	1478.4	4.29	1.8133	1478.4
-												
		189 [377.1]	FILE		<b>190</b> [377.6]			<b>191</b> [378.0]			192 [378.5]	
Sat.	2.42		1197.8	2.41		1197.9	2.39		1197.9	2.38		1198.0
	2.42 2.43 2.47	[377.1]	1197.8 1199.6 1205.8	2.41 2.42 2.46	[377.6]	1197.9 1199.4 1205.6	2.39 2.40 2.45	[378.0]	1197.9 1199.2 1205.4	2.38 2.39 2.43	[378.5]	1198.0 1198.9 1205.2
Sat. 380	2.43 2.47 2.52	[377.1] 1.5505 1.5526	1199.6	2.42	[377.6] 1.5500 1.5518	1199.4	2.40	[378.0] 1.5496 1.5510	1199.2	2.39	[378.5] 1.5491 1.5503 1.5576 1.5648	1198.9
Sat. 380 390 400 410	2.43 2.47 2.52 2.56	[377.1] 1.5505 1.5526 1.5599 1.5671 1.5741	1199.6 1205.8 1211.9 1217.9	2.42 2.46 2.50 2.54	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733	1199.4 1205.6 1211.7 1217.7	2.40 2.45 2.49 2.53	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726	1199.2 1205.4 1211.5 1217.5	2.39 2.43 2.47 2.51	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718	1198.9 1205.2 1211.3 1217.4
Sat. 380 390 400 410 420	2.43 2.47 2.52 2.56 2.60	[377.1] 1.5505 1.5526 1.5599 1.5671 1.5741 1.5809	1199.6 1205.8 1211.9 1217.9 1223.9	2.42 2.46 2.50 2.54 2.58	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5801	1199.4 1205.6 1211.7 1217.7 1223.7	2.40 2.45 2.49 2.53 2.57	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794	1199.2 1205.4 1211.5 1217.5 1223.5	2.39 2.43 2.47 2.51 2.55	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786	1198.9 1205.2 1211.3 1217.4 1223.4
Sat. 380 390 400 410	2.43 2.47 2.52 2.56	[377.1] 1.5505 1.5526 1.5599 1.5671 1.5741	1199.6 1205.8 1211.9 1217.9	2.42 2.46 2.50 2.54	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733	1199.4 1205.6 1211.7 1217.7	2.40 2.45 2.49 2.53	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726	1199.2 1205.4 1211.5 1217.5	2.39 2.43 2.47 2.51	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718	1198.9 1205.2 1211.3 1217.4
Sat.  380 390  400 410 420 430 440 450	2.43 2.47 2.52 2.56 2.60 2.64	[377.1] 1.5505 1.5526 1.5599 1.5671 1.5741 1.5809 1.5875 1.5940 1.6004	1199.6 1205.8 1211.9 1217.9 1223.9 1229.8	2.42 2.46 2.50 2.54 2.58 2.62	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5801 1.5868	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4	2.40 2.45 2.49 2.53 2.57 2.61	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5861	1199.2 1205.4 1211.5 1217.5 1223.5 1229.4 1235.3	2.39 2.43 2.47 2.51 2.55 2.59	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5786 1.5853	1198.9 1205.2 
380 390 400 410 420 430 440 450 460	2.43 2.47 2.52 2.56 2.60 2.64 2.68	[377.1] 1.55°5 1.55°26 1.5599 1.5671 1.5741 1.5809 1.5875 1.5940 1.6004 1.6066	1199.6 1205.8 1211.9 1217.9 1223.9 1229.8 1235.6 1241.3 1247.0	2.42 2.46 2.50 2.54 2.58 2.62 2.66	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5801 1.5868 1.5933 1.5997 1.6059	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9	2.40 2.45 2.49 2.53 2.57 2.61 2.65	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5861 1.5926 1.5990 1.6052	1199.2 1205.4 1211.5 1217.5 1223.5 1229.4 1235.3 1241.0 1246.7	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5983 1.6045	1198.9 1205.2 
380 390 400 410 420 430 440 450 460 470	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79	[377.1] 1.5505 1.5526 1.5526 1.5599 1.5671 1.5809 1.5875 1.5940 1.6004 1.6006 1.6128	1199.6 1205.8 1211.9 1217.9 1223.9 1229.8 1235.6 1241.3 1247.0 1252.7	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5801 1.5868 1.5933  1.5997 1.6059 1.6121	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.68 2.72 2.76	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5861 1.5926 1.5990 1.6052 1.6114	1199.2 1205.4 1211.5 1217.5 1223.5 1229.4 1235.3 1241.0 1246.7 1252.4	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75	[378.5] 1.5491 1.5593 1.5576 1.5648 1.5786 1.5853 1.5919 1.5983 1.6045 1.6107	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3
380 390 400 410 420 430 440 450 460	2.43 2.47 2.52 2.56 2.60 2.64 2.68	[377.1] 1.55°5 1.55°26 1.5599 1.5671 1.5741 1.5809 1.5875 1.5940 1.6004 1.6066	1199.6 1205.8 1211.9 1217.9 1223.9 1229.8 1235.6 1241.3 1247.0	2.42 2.46 2.50 2.54 2.58 2.62 2.66	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5801 1.5868 1.5933 1.5997 1.6059	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9	2.40 2.45 2.49 2.53 2.57 2.61 2.65	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5861 1.5926 1.5990 1.6052	1199.2 1205.4 1211.5 1217.5 1223.5 1229.4 1235.3 1241.0 1246.7	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5983 1.6045	1198.9 1205.2 
\$\frac{380}{390}\$ \$\frac{400}{410}\$ \$\frac{420}{430}\$ \$\frac{440}{440}\$ \$\frac{450}{470}\$ \$\frac{480}{480}\$	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79 2.83	[377.1] 1.55°5 1.55°26 1.55°26 1.55°29 1.56°71 1.57°41 1.58°09 1.58°75 1.594° 1.60°64 1.60°64 1.61°28 1.61°28 1.61°28	1199.6 1205.8 1211.9 1217.9 1223.9 1229.8 1235.6 1241.3 1247.0 1252.7 1258.3	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78 2.81	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5801 1.5868 1.5933 1.5997 1.6059 1.6181 1.6240 1.6298	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6 1258.2	2.49 2.45 2.49 2.53 2.57 2.61 2.65 2.68 2.72 2.76 2.80	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5861 1.5926 1.5990 1.6052 1.6114	1199.2 1205.4 1211.5 1217.5 1223.5 1229.4 1235.3 1241.0 1246.7 1252.4 1258.0	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5943 1.6045 1.6107 1.6167	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9
Sat.  380 390  400 410 420 430 440  450 460 470 480 490  510	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79 2.83 2.87 2.90 2.94	[377.1]  1.5505  1.5526 1.5526 1.5599  1.5671 1.5741 1.5805 1.5875 1.5940  1.6004 1.6066 1.6128 1.6188 1.6247 1.6305 1.6305	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1241.3 1247.0 1252.7 1258.3 1263.9	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78 2.81 2.85 2.89 2.93	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5868 1.5933 1.5997 1.6021 1.6181 1.6240 1.6298 1.6355	1199.4 1205.6 1211.7 1217.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6 1258.2 1263.8	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.68 2.72 2.76 2.80 2.83 2.87 2.91	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5726 1.5926 1.5926 1.6052 1.6114 1.6174 1.6233 1.6291 1.6348	1199.2 1205.4 1211.5 1217.5 1223.5 1229.4 1235.3 1241.0 1252.4 1258.0 1263.6	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5983 1.6045 1.6167 1.6167 1.6226 1.6284	1198.9 1205.2 1211.3 1217.4 1223.4 1223.4 1225.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5
Sat.  380 390  400 410 420 430 440  450 460 470 '480 490  510 520	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98	[377.1]  1.55°5  1.5526  1.5526  1.5599  1.5671  1.5741  1.5809  1.5875  1.5940  1.6064  1.6064  1.6128  1.6128  1.6128  1.6128  1.61247	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1235.6 1241.3 1247.9 1258.3 1263.9	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.81 2.85 2.89 2.93 2.96	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5868 1.5933 1.5959 1.6121 1.6181 1.6240 1.6298 1.6355 1.6411	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6 1258.2 1263.8	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.68 2.72 2.76 2.80 2.83 2.87 2.91 2.95	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5826 1.5926 1.5990 1.6052 1.6114 1.6233 1.6291 1.6348 1.6404	1199.2 1205.4 1211.5 1217.5 1223.5 1223.5 1224.0 1246.7 1252.4 1258.0 1263.6	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89 2.93	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5943 1.6045 1.6167 1.6126 1.6226 1.6284 1.6397	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5
Sat.  380 390  400 410 420 430 440 450 470 480 490  500 510 520 530	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01	[377.1] 1.55°5 1.5526 1.5526 1.5599 1.5671 1.5741 1.58°09 1.5875 1.5940 1.6004 1.6028 1.6128 1.6128 1.6128 1.6247	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1235.6 1241.3 1247.0 1252.7 1258.3 1263.9 1269.4 1274.9 1280.4 1285.8	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78 2.81 2.85 2.89 2.93 2.96 3.00	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5868 1.5933 1.5997 1.6059 1.6121 1.6181 1.6240 1.6298 1.6355 1.6411 1.6466	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6 1252.6 1263.8 1269.3 1274.8 1280.3 1280.3	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.72 2.76 2.80 2.83 2.87 2.91 2.95 2.98	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5861 1.5926 1.5990 1.6052 1.6114 1.6174 1.6233 1.6291 1.6348 1.6459	1199.2 1205.4 1211.5 1217.5 1223.5 1223.5 1225.4 1241.0 1246.7 1252.4 1252.4 1263.6	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89 2.93 2.97	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5983 1.6045 1.6167 1.6167 1.6226 1.6284 1.6341 1.6397 1.6453	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5
Sat.  380 390  400 410 420 430 440  450 460 470 '480 490  510 520	2.43 2.47 2.52 2.56 2.66 2.64 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01 3.05	[377.1] 1.5505 1.5526 1.5526 1.5599 1.5671 1.5741 1.5809 1.5875 1.5940 1.6004 1.6028 1.6188 1.6188 1.6247 1.6305 1.6361 1.6417 1.6473 1.6527	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1241.3 1247.0 1252.7 1258.3 1263.9 1269.4 1274.9 1280.4 1285.8 1291.2	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78 2.81 2.85 2.89 2.93 2.96 3.00 3.03	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5868 1.5933  1.5997 1.6059 1.6121 1.6181 1.6240 1.6298 1.6355 1.6411 1.6466 1.6520	1199.4 1205.6 1211.7 1217.7 1223.6 1229.6 1235.4 1241.2 1246.9 1252.6 1258.2 1263.8 1269.3 1274.8 1280.3 1285.7 1291.1	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.72 2.76 2.80 2.83 2.87 2.91 2.95 2.98 3.02	[378.0]  1.5496  1.5510  1.5584  1.5656  1.5726  1.5794  1.5861  1.5990  1.6052  1.6114  1.6174  1.6233  1.6291  1.6348  1.6459  1.6514	1199.2 1205.4 1211.5 1217.5 1223.5 1229.4 1235.3 1241.0 1252.4 1258.0 1263.6 1269.2 1274.7 1280.1 1285.6 1291.0	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89 2.93 2.97 3.00	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5786 1.5785 1.5983 1.6045 1.6167 1.6167 1.6226 1.6284 1.6397 1.6453 1.6507	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5
Sat.  380 390  410 420 430 440  450 460 470 480 490  510 520 530 540	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01	[377.1] 1.55°5 1.5526 1.5526 1.5599 1.5671 1.5741 1.58°09 1.5875 1.5940 1.6004 1.6028 1.6128 1.6128 1.6128 1.6247	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1235.6 1241.3 1247.0 1252.7 1258.3 1263.9 1269.4 1274.9 1280.4 1285.8	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78 2.81 2.85 2.89 2.93 2.96 3.00	[377.6] 1.5500 1.5518 1.5592 1.5663 1.5733 1.5868 1.5933 1.5997 1.6059 1.6121 1.6181 1.6240 1.6298 1.6355 1.6411 1.6466	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6 1252.6 1263.8 1269.3 1274.8 1280.3 1280.3	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.72 2.76 2.80 2.83 2.87 2.91 2.95 2.98	[378.0] 1.5496 1.5510 1.5584 1.5656 1.5726 1.5794 1.5861 1.5926 1.5990 1.6052 1.6114 1.6174 1.6233 1.6291 1.6348 1.6459	1199.2 1205.4 1211.5 1217.5 1223.5 1223.5 1225.4 1241.0 1246.7 1252.4 1252.4 1263.6	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89 2.93 2.97	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5983 1.6045 1.6167 1.6167 1.6226 1.6284 1.6341 1.6397 1.6453	1198.9 1205.2 1211.3 1217.4 1223.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5 1269.1 1274.6 1280.0 1285.5 1290.9
Sat.  380 390  400 410 420 430 440  450 460 470 480 490  500 510 520 530 540  600 650	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01 3.05 3.26 3.44	[377.1]  1.5505  1.5526 1.5529 1.5671 1.5741 1.5809 1.5875 1.5940 1.6004 1.6066 1.6128 1.6188 1.6247 1.6305 1.6367 1.6473 1.6527	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1241.3 1247.0 1252.7 1258.3 1263.9 1269.4 1274.9 1280.4 1285.8 1291.2	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78 2.81 2.85 2.89 2.93 2.96 3.00 3.03	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5801 1.5808 1.5933  1.5997 1.6059 1.6121 1.6181 1.6240  1.6298 1.6355 1.6411 1.6466 1.6520  1.6574 1.6830 1.7072	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1258.2 1263.8 1269.3 1274.8 1280.3 1285.7 1291.1	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.72 2.76 2.80 2.83 2.87 2.91 2.95 2.98 3.02	[378.0]  1.5496  1.5510  1.5584  1.5656  1.5726  1.5726  1.5926  1.5926  1.6114  1.6233  1.6291  1.6348  1.6404  1.6459  1.6567  1.6824  1.7065	1199.2 1205.4 1211.5 1217.5 1223.5 1223.5 1224.0 1246.7 1252.4 1252.4 1253.6 1263.6 1269.2 1274.7 1280.1 1285.6 1291.0	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89 2.93 2.97 3.00	[378.5]  1.5491  1.5503 1.5576  1.5648 1.5786 1.5853 1.5919  1.5983 1.6045 1.6167 1.6226  1.6226  1.6284 1.6341 1.6397 1.6453 1.6507	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5 1269.1 1274.6 1280.0 1285.5 1290.9
Sat.  380 390  410 410 420 430 440  450 460 470 480 490  510 520 530 540  650 650 700	2.43 2.47 2.52 2.56 2.66 2.64 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01 3.05 3.09 3.26 3.44 3.61	[377.1]  1.5505  1.5526 1.5529 1.5671 1.5741 1.5809 1.5809 1.6004 1.6066 1.6128 1.60247 1.6305 1.6361 1.6447 1.6527 1.6580 1.68837 1.7078 1.7306	1199.6 1205.8 1211.9 12217.9 1223.9 12235.6 1241.3 1247.0 1252.7 1258.3 1263.9 1269.4 1274.9 1280.4 1285.8 1291.2	2.42 2.46 2.50 2.54 2.58 2.62 2.70 2.74 2.81 2.85 2.89 2.93 2.96 3.00 3.07 3.25 3.42 3.59	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5801 1.5868 1.5933  1.5997 1.6059 1.6121 1.6181 1.6240  1.6298 1.6355 1.6411 1.6466 1.6520  1.6574 1.6830 1.7072 1.7300	1199.4 1205.6 1211.7 1217.7 1217.7 1223.6 1229.6 1235.4 1241.2 1246.9 1252.6 1258.2 1263.8 1269.3 1274.8 1280.3 1291.1 1296.5 1323.0 1349.1 1375.1	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.80 2.80 2.83 2.87 2.91 2.95 2.98 3.02 3.05 3.40 3.57	[378.0]  1.5496  1.5510  1.5584  1.5656  1.5726  1.5926  1.5926  1.6926  1.6114  1.6233  1.6291  1.6348  1.6459  1.6514  1.6514  1.6524  1.7065	1199.2 1205.4 1211.5 12217.5 1223.5 1223.5 1224.6 1252.4 1258.0 1263.6 1269.2 1274.7 1280.1 1285.6 1291.0	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89 2.93 2.93 2.97 3.00 3.04 3.21 3.38 3.55	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5788 1.5783 1.5919 1.5983 1.6045 1.6167 1.6226 1.6284 1.6341 1.6397 1.6453 1.6507 1.6561 1.6818 1.7059 1.7288	1198.9 1205.2 1211.3 1217.4 1223.4 1223.4 1223.5.1 1240.9 1246.6 1252.3 1257.9 1263.5 1274.6 1280.0 1285.5 1290.9
Sat.  380 390  400 410 420 430 440  450 470 480 490  510 520 530 540  650 700 750	2.43 2.47 2.52 2.56 2.60 2.64 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01 3.05 3.09 3.26 3.44 3.61 3.77	[377.1]  1.5505  1.5526 1.5526 1.5599  1.5671 1.5741 1.5805 1.5875 1.5940  1.6004 1.6066 1.6128 1.6188 1.6247  1.6305 1.6341 1.6473 1.6527 1.6580 1.6837 1.7078 1.7306 1.7524	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1241.3 1241.3 1242.7 1258.3 1263.9 1269.4 1274.9 1280.4 1285.8 1291.2 1296.6 1323.1 1349.2 1375.1 1400.9	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.81 2.85 2.93 2.96 3.00 3.03 3.07 3.25 3.42 3.59 3.75	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5861 1.5868 1.5933  1.5997 1.6059 1.6121 1.6181 1.6240  1.6298 1.6355 1.6411 1.6466 1.6520 1.6574 1.6830 1.7072 1.7300 1.7518	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6 1258.2 1263.8 1269.3 1274.8 1280.3 1285.7 1291.1 1296.5 1323.0 1375.1 1400.9	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.68 2.72 2.76 2.80 2.83 2.91 2.95 2.98 3.02 3.05 3.23 3.40 3.57 3.73	[378.0]  1.5496  1.5510  1.5584  1.5656  1.5726  1.5794  1.5861  1.5990  1.6052  1.6174  1.6233  1.6291  1.6348  1.6404  1.6459  1.6514  1.6567  1.6824  1.7065  1.7294  1.7512	1199.2 1205.4 1211.5 1217.5 1223.5 1223.5 1224.0 1246.7 1252.4 1258.0 1263.6 1269.2 1274.7 1280.1 1285.6 1291.0 1296.4 1322.9 1349.1 1375.0 1400.8	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.93 2.97 3.00 3.04 3.21 3.38 3.55 3.71	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5983 1.6045 1.6167 1.6167 1.6226 1.6284 1.6397 1.6453 1.6507 1.6561 1.6818 1.7059 1.7288 1.7506	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5 1269.1 1274.6 1280.0 1285.5 1290.9 1296.3 1322.9 1349.0 1375.0 1400.8
Sat.  380 390  400 410 420 430 440  450 470 480 490  510 520 530 540  650 700 750  800	2.43 2.47 2.52 2.56 2.60 2.64 2.68 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01 3.05 3.26 3.44 3.61 3.77	[377.1]  1.5505  1.5526 1.5529  1.5671 1.5741 1.5809 1.5875 1.5940  1.6064 1.6128 1.6128 1.6128 1.6128 1.6247  1.6305 1.6361 1.6417 1.6473 1.6527 1.6580 1.6837 1.7078 1.7336	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1235.6 1241.3 1247.0 1252.7 1258.3 1263.9 1269.4 1285.8 1291.2 1296.6 1323.1 1349.2 1375.1 1400.9	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.78 2.81 2.85 2.89 2.93 3.00 3.03 3.07 3.25 3.42 3.59 3.75	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5868 1.5933  1.5997 1.6059 1.6121 1.6181 1.6240  1.6298 1.6355 1.6411 1.6466 1.6520 1.6574 1.6830 1.7072 1.7300 1.7518	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1252.6 1258.2 1263.8 1269.3 1274.8 1280.3 1285.7 1291.1 1296.5 1323.0 1349.1 1375.1 1400.9	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.68 2.72 2.76 2.80 2.83 2.87 2.91 2.95 2.98 3.02 3.57 3.57 3.73	[378.0]  1.5496  1.5584  1.5656 1.5726 1.5794 1.5861 1.5926  1.5926  1.6114 1.6233 1.6291 1.6348 1.6404 1.6459 1.6514  1.6567 1.6824 1.7065 1.7294 1.7512	1199.2 1205.4 1211.5 1217.5 1223.5 1223.5 1225.4 1235.3 1241.0 1252.4 1252.4 1258.0 1263.6 1269.2 1274.7 1280.1 1285.6 1291.0 1296.4 1322.9 1349.1 1375.0 1400.8	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.89 2.93 2.97 3.00 3.04 3.21 3.38 3.55 3.71 3.88	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5786 1.5853 1.5919 1.5983 1.6045 1.6107 1.6226 1.6284 1.6341 1.6397 1.6453 1.6507 1.6561 1.6818 1.7059 1.7288 1.7506	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5 1269.1 1274.6 1280.0 1285.5 1290.9 1296.3 1322.9 1349.0 1375.0 1400.8
Sat.  380 390  400 410 420 430 440  450 470 480 490  510 520 530 540  650 700 750	2.43 2.47 2.52 2.56 2.60 2.64 2.72 2.75 2.79 2.83 2.87 2.90 2.94 2.98 3.01 3.05 3.09 3.26 3.44 3.61 3.77	[377.1]  1.5505  1.5526 1.5529 1.5671 1.5741 1.5809 1.5809 1.6004 1.6066 1.6128 1.6188 1.6247 1.6305 1.6361 1.6447 1.6527 1.6580 1.6837 1.7078 1.7336 1.7524 1.7733 1.7933	1199.6 1205.8 1211.9 1217.9 1223.9 1223.6 1241.3 1241.3 1242.7 1258.3 1263.9 1269.4 1274.9 1280.4 1285.8 1291.2 1296.6 1323.1 1349.2 1375.1 1400.9	2.42 2.46 2.50 2.54 2.58 2.62 2.66 2.70 2.74 2.81 2.85 2.93 2.96 3.00 3.03 3.07 3.25 3.42 3.59 3.75	[377.6]  1.5500  1.5518 1.5592  1.5663 1.5733 1.5861 1.5868 1.5933  1.5997 1.6059 1.6121 1.6181 1.6240  1.6298 1.6355 1.6411 1.6466 1.6520 1.6574 1.6830 1.7072 1.7300 1.7518	1199.4 1205.6 1211.7 1217.7 1223.7 1229.6 1235.4 1241.2 1246.9 1252.6 1258.2 1263.8 1269.3 1274.8 1280.3 1285.7 1291.1 1296.5 1323.0 1375.1 1400.9	2.40 2.45 2.49 2.53 2.57 2.61 2.65 2.68 2.72 2.76 2.80 2.83 2.91 2.95 2.98 3.02 3.05 3.23 3.40 3.57 3.73	[378.0]  1.5496  1.5510  1.5584  1.5656  1.5726  1.5794  1.5861  1.5990  1.6052  1.6174  1.6233  1.6291  1.6348  1.6404  1.6459  1.6514  1.6567  1.6824  1.7065  1.7294  1.7512	1199.2 1205.4 1211.5 1217.5 1223.5 1223.5 1224.0 1246.7 1252.4 1258.0 1263.6 1269.2 1274.7 1280.1 1285.6 1291.0 1296.4 1322.9 1349.1 1375.0 1400.8	2.39 2.43 2.47 2.51 2.55 2.59 2.63 2.67 2.71 2.75 2.78 2.82 2.86 2.93 2.97 3.00 3.04 3.21 3.38 3.55 3.71	[378.5] 1.5491 1.5503 1.5576 1.5648 1.5718 1.5786 1.5853 1.5919 1.5983 1.6045 1.6167 1.6167 1.6226 1.6284 1.6397 1.6453 1.6507 1.6561 1.6818 1.7059 1.7288 1.7506	1198.9 1205.2 1211.3 1217.4 1223.4 1229.3 1235.1 1240.9 1246.6 1252.3 1257.9 1263.5 1269.1 1274.6 1280.0 1285.5 1290.9 1296.3 1322.9 1349.0 1375.0 1400.8

600

650

700

750

3.13

3.29 3.46

3.62

1.6786

1.7028 1348.7 1.7257 1374.7 1.7476 1400.5

1322.5

3.11

3.28

3.44 3.60

1.6780

1.7022

1.7251

1.7470 1400.5

1322.4

1348.6

1374.6

3.10

3.26

3.42 3.58

70				<b>FABLE</b>	E 3. SI	JPERH	EATE	D STE	AM			
Pres- sure		<b>193</b> [378.9]			<b>194</b> [379.3]			<b>195</b> [379.7]	-5.3		<b>196</b> [380,2]	
Temp F.	٧	S	i	v	s	i	v	s	i	V	s	i
Sat.	2.37	1.5487	1198.1	2.36	1.5482	1198.1	2.35	1.5478	1198.2	2.34	1.5473	1198.2
390	2.42	1.5569	1205.0	2.40	1.5561	1204.8	2.39	1.5554	1204.6	2.38	1.5546	1204.4
400	2.46	1.5641	1211.1	2.44	1.5633	1210.9	2.43	1.5626	1210.7	2.42	1.5618	1210.5
410	2.50	1.5711	1217.2	2.48	1.5703	1217.0	2.47	1.5696	1216.8	2.46	1.5689	1216.6
420	2.54	1.5779	1223.2	2.52	1.5772	1223.0	2.51	1.5765	1222.8	2.50	1.5758	1222.6
430	2.58	1.5846	1229.1	2.56	1.5839	1228.9	2.55	1.5832	1228.7	2.54	1.5825	1228.6
440	2.62	1.5912	1234.9	2.60	1.5904	1234.8	2.59	1.5897	1234.6	2.57	1.5890	1234.5
450	2.66	1.5976	1240.7	2.64	1.5968	1240.6	2.63	1.5961	1240.4	2.61	1.5954	1240.3
460	2.69	1.6038	1246.5		1.6031	1246.3		1.6024	1246.2	2.65	1.6017	1246.0
470	2.73	1.6100	1252.2	2.72	1.6093	1252.0	2.70		1251.9	2.69	1.6079	1251.7
480	2.77	1.6160	1257.8	2.75	1.6153	1257.7	2.74	1.6146	1257.5	2.72	1.6140	1257.4
490	2.80	1.6219	1263.4	2.79	1.6213	1263.3	2.77	1.6206	1263.1	2.76	1.6199	1263.0
500	2.84	1.6277	1268.9	2.83	1.6271	1268.8	2.81	1.6264	1268.7	2.80	1.6257	1268.6
510	2.88	1.6335	1274.4	2.86	1.6328	1274.3	2.85	1.6321	1274.2	2.83	1.6315	1274.1
520	2.91	1.6391	1279.9	2.90	1.6384	1279.8	2.88	1.6377	1279.7	2.87	1.6371	1279.6
530	2.95	1.6446	1285.4	2.93	1.6439	1285.3	2.92	1.6433	1285.2	2.90	1.6426	1285.1
540	2.99	1.6500	1290.8	2.97	1.6494	1290.7	2.95	1.6487	1290.6	2.94	1.6481	1290.5
550	3.02	1.6554	1296.2	3.01	1.6548	1296.1	2.99	1.6541	1296.0	2.97	1.6535	1295.9
560	3.05	1.6607	1301.6	3.04	1.6601	1301.5	3.02	1.6594	1301.4	3.00	1.6588	1301.3
570	3.09	1.6659	1306.9	3.08	1.6653	1306.8	3.06	1.6646	1306.7	3.04	1.6640	1306.6
580	3.12	1.6710	1312.2	3.11	1.6704	1312.1	3.09	1.6698	1312.0	3.07	1.6691	1311.9
590	3.16	1.6761	1317.5	3.15	1.6755	1317.4	3.13	1.6749	1317.3	3.11	1.6742	1317.2
600	3.19	1.6811	1322.8	3.18	1.6805	1322.7	3.16	1.6799	1322.6	3.14	1.6792	1322.5
650	3.36	1.7053	1349.0	3.35	1.7047	1348.9	3.33	1.7041	1348.8	3.31	1.7034	1348.8
700	3.53	1.7282	1374.9	3.51	1.7275	1374.9	3.49	1.7269	1374.8	3.47	1.7263	1374.7
750	3.69	1.7500	1400.7	3.67	1.7494	1400.7	3.65	1.7488	1400.6	3.64	1.7482	1400.6
		197		-	198			199			200	
		[380.6]			[381.0]			[381.4]			[381.9]	
Sat.	2.32	1.5469	1198.3	2.31	1.5464	1198.4	2.30	1.5460	1198.4	2.29	1.5456	1198.5
390	2.36	1.5539	1204.2	2.35	1.5531	1204.0	2.34	1.5524	1203.8	2.32	1.5516	1203.6
400	2.40	1.5611	1210.4	2.39	1.5603	1210.2	2.38	1.5596	1210.0	2.36	1.5589	1209.8
410	2.44	1.5681	1216.5	2.43	1.5674	1216.3	2.42	1.5667	1216.1	2.40	1.5660	1215.9
420	2.48	1.5750	1222.5	2.47	1.5743	1222.3	2.46	1.5736	1222.1	2.44	1.5729	1221.9
430	2.52	1.5817	1228.4	2.51	1.5810	1228.3	2.49	1.5803	1228.1	2.48	1.5796	1227.9
440	2.56	1.5883	1234.3	2.55	1.5876	1234.2	2.53	1.5869	1234.0	2.52	1.5862	1233.8
450	2.60.	1.5948	1240.1	2.58	1.5941	1240.0	2.57	1.5934	1239.8	2.56	1.5927	1239.7
460	2.63	1.6011	1245.9	2.62	1.6004	1245.7	2.61	1.5997	1245.6	2.59	1.5990	1245.5
470	2.67	1.6072	1251.6	2.66	1.6066	1251.5	2.64	1.6059	1251.3	2.63	1.6052	1251.2
480	2.71	1.6133	1257.3	2.69	1.6126	1257.1	2.68	1.6119	1257.0	2.67	1.6113	1256.9
490	2.74	1.6192		2.73	1.6186		2.72	1.6179	1262.6	2.70	1.6172	
500	2.78	1.6251	1268.5	2.77	1.6244	1268.3	2.75	1.6237	1268.2	2.74	1.6231	1268.1
510	2.82	1.6308	1274.0	2.80	1.6301	1273.9	2.79	1.6295	1273.7	2.77	1.6288	1273.6
520	2.85	1.6364	1279.5	2.84	1.6358	1279.4	2.82	1.6351		2.81	1.6345	
530	2.89	1.6420	1284.9	2.87	1,6413	1284.8	2.86	1.6407		2.84	1.6400	
540	2.92	1.6474	1290.4	2.91	1.6468	1290.3	2.89	1.6462	1290.2	2.88	1.6455	1290.1
550	2.96	1.6528	1295.8	2.94	1.6522	1295.7	2:93	1.6515	1295.6	2.91	1.6509	1295.5
560	2.99	1.6581	1301.2	2.98	1.6574	1301.1	2.96	1.6568		2.95	1.6562	
570	3.03	1.6633	1306.5	3.01	1.6626	1306.4	2.99	1.6620	1306.3	2.98	1.6614	1306.2
580	3.06	1.6684	1311.8	3.04	1.6678	1311.7	3.03	1.6672	1311.7	3.01	1.6666	1311.6
590	3.09	1.6735	1317.1	3.08	1.6729	1317.0	3.06	1.6723	1317.0	3.05	1.6717	1316.9
			,									

3.08

3.24

3.40

1322.3

1374.6

1.7464 1400.4 3.56

1.6774

1.7016

1.7245

1.6768

1.7010 1348.5 1.7239 1374.5 1.7458 1400.4

1322.2

	res- ure		201 [382.3]			<b>202</b> [382.7]			<b>203</b> [383.1]	15		<b>204</b> [383.5]	
	emp F.	٧	s	i	V	s	i	v	8	i	v	8	i
-	at.	2.28	1.5451	1198.5	2.27	1.5447	1198.6	2.26	1.5443	1198.6	2.25	1.54,38	1198.7
3	90	2.31	1.5509	1203.4	2.30	1.5501	1203.2	2.29	1.5494	1203.0	2.27	1.5487	1202.8
4	00	2.35	1.5581	1209.6	2.34	1.5574	1209.4	2.33	1.5567	1209.2	2.31	1.5560	1209.0
4	10	2.39	1.5652	1215.7	2.38	1.5645	1215.5	2.37	1.5638	1215.3	2.35	1.5631	1215.2
	20	2.43	1.5721	1221.8	2.42	1.5714	1221.6	2.40	1.5707	1221.4	2.39	1.5700	1221.3
	30	2.47	1.5789	1227.8	2.45	1.5782	1227.6	2.44	1.5775	1227.4	2.43	1.5768	1227.3
	40	2.50	1.5855	1233.7	2.49	1.5848	1233.5	2.48	1.5841	1233.3	2.47	1.5835	1233.2
	50	2.54	1.5920	1239.5	2.53	1.5913	1239.4	2.52	1.5906	1239.2	2.50	1.5900	1239.1
	60	2.58	1.5983	1245.3	2.57	1.5976	1245.2	2.55	1.5970	1245.0	2.54	1.5963	1244.9
	70 80	2.62	1.6045	1251.0	2.60	1.6038	1250.9	2.59	1.6032	1250.8	2.57	1.6025	1250.6
	90	2.69	1.6166	1256.7	2.64	1.6159	1256.6	2.66	1.6093	1256.5	2.65	1.6146	1256.3
	00	2.72	1.6224	1268.0	2.71	1.6218	1267.8	2.69	1.6211	1267.7	2.68	1.6205	1267.6
	20	2.76	1.6338	1273.5	2.74	1.6275	1273.4	2.73	1.6269	1273.3	2.72	1.6263	1273.2
-	30	2.83	1.6394	1284.5	2.81	1.6388	1284.4	2.80	1.6381	1284.3	2.78	1.6375	1284.2
	40	2.86	1.6449	1290.0	2.85	1.6443	1289.9	2.83	1.6436	1289.8	2.82	1.6430	1289.7
5	50	2.90	1.6503	1295.4	2.88	1.6497	T005 2	2.87	7 6400	1005.0	2.85	1.6484	T005 T
	60	2.93	1.6556	1300.8	2.92	1.6550	1295.3	2.90	1.6490	1295.2	2.89	1.6537	1295.1
	70	2.96	1.6608	1306.1	2.95	1.6602	1306.0	2.93	1.6596	1306.0	2.92	1.6590	1305.9
	80	3.00	1.6660	1311.5	2.98	1.6654	1311.4	2.97	1.6648	1311.3	2.95	1.6642	1311.2
5	90	3.03	1.6711	1316.8	3.02	1.6705	1316.7	3.00	1.6699	1316.6	2.98	1.6693	1316.6
6	00	3.06	1.6762	1322.1	3.05	1.6755	1322.1	3.03	1.6749	1322.0	3.02	1.6743	1321.9
	50	3.23	1.7004	1348.4	3.21	1.6998	1348.4	3.19	1.6992	1348.3	3.18	1.6986	1348.2
	00	3.39	1.7234	1374.5	3.37	1.7228	1374.4	3.35	1.7222	1374.4	3.34	1.7216	1374.3
7	50	3.55	1.7452	1400.3	3.53	1.7447	1400.3	3.51	1.7441	1400.2	3.49	1.7435	1400.2
-										•	1		
			<b>205</b> [383.9]			<b>206</b> [384.4]			207 [384.8]			208 [385.2]	
S	at.	2.24		1198.7	2.23		1198.8	2.22		1198.8	2.21		1198.9
	at.	2.24	[383.9]	1198.7	2.23	[384.4]	1198.8	2.22	[384.8]	1198.8	2.21	[385.2]	1198.9
3		2.26	[383.9] 1.5434 1.5479	1202.6	2.25	[384.4]   1.5430   1.5472	1202.4	2.24	[384.8] 1.5425 1.5465	1202.2	2.23	[385.2]   1.5421   1.5457	1202.0
39	90		[383.9]			[384.4]			[384.8]   1.5425   1.5465   1.5538			[385.2]	
3! 4 4	90 00 10 20	2.26 2.30 2.34 2.38	[383.9] 1.5434 1.5479 1.5552 1.5624 1.5693	1202.6 1208.8 1215.0 1221.1	2.25 2.29 2.33 2.37	[384.4]   1.5430   1.5472   1.5545   1.5617   1.5687	1202.4 1208.6 1214.8 1220.9	2.24 2.28 2.32 2.35	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680	1202.2 1208.4 1214.6 1220.7	2.23 2.26 2.30 2.34	[385.2]   1.5421   1.5457   1.5531   1.5603   1.5673	1202.0 1208.2 1214.4 1220.5
3! 4 4 4 4 4	90 00 10 20 30	2.26 2.30 2.34 2.38 2.42	[383.9] 1.5434 1.5479 1.5552 1.5624 1.5693 1.5761	1202.6 1208.8 1215.0 1221.1 1227.1	2.25 2.29 2.33 2.37 2.40	[384.4]   1.5430   1.5472   1.5545   1.5617   1.5687   1.5755	1202.4 1208.6 1214.8 1220.9 1226.9	2.24 2.28 2.32 2.35 2.39	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748	1202.2 1208.4 1214.6 1220.7 1226.7	2.23 2.26 2.30 2.34 2.38	[385.2] 1.5421 1.5457 1.5531 1.5603 1.5673 1.5741	1202.0 1208.2 1214.4 1220.5 1226.6
3! 4 4 4 4 4	90 00 10 20	2.26 2.30 2.34 2.38	[383.9] 1.5434 1.5479 1.5552 1.5624 1.5693	1202.6 1208.8 1215.0 1221.1	2.25 2.29 2.33 2.37	[384.4]   1.5430   1.5472   1.5545   1.5617   1.5687	1202.4 1208.6 1214.8 1220.9	2.24 2.28 2.32 2.35	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680	1202.2 1208.4 1214.6 1220.7	2.23 2.26 2.30 2.34	[385.2]   1.5421   1.5457   1.5531   1.5603   1.5673	1202.0 1208.2 1214.4 1220.5
3! 4 4 4 4 4 4 4	90 00 10 20 30 40	2.26 2.30 2.34 2.38 2.42 2.45	[383.9] 1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5893	1202.6 1208.8 1215.0 1221.1 1227.1	2.25 2.29 2.33 2.37 2.40	[384.4]   1.5430   1.5472   1.5545   1.5617   1.5687   1.5755	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9	2.24 2.28 2.32 2.35 2.39	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748	1202.2 1208.4 1214.6 1220.7 1226.7	2.23 2.26 2.30 2.34 2.38	[385.2] 1.5421 1.5457 1.5531 1.5603 1.5673 1.5741 1.5807 1.5872	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5
3! 4 4 4 4 4 4 4	90 00 10 20 30 40 50 60	2.26 2.30 2.34 2.38 2.42 2.45 2.49 2.53	[383·9] 1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5893 1.5956	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7	2.25 2.29 2.33 2.37 2.40 2.44 2.48 2.51	[384.4] 1.5430 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49	[385.2] 1.5421 1.5457 1.5531 1.5603 1.5673 1.5741 1.5807 1.5872 1.5936	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5
3! 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	90 00 10 20 30 40 50 60 70	2.26  2.30  2.34  2.38  2.42  2.45  2.49  2.53  2.56	[383.9] 1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5893 1.5956 1.6019	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5	2.25 2.29 2.33 2.37 2.40 2.44 2.48 2.51 2.55	[384.4] 1.5430 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943 1.6005	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52	[385.2] 1.5421 1.5457 1.5531 1.5603 1.5673 1.5741 1.5807 1.5872 1.5936 1.5999	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1
3! 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	90 00 10 20 30 40 50 60 70 80	2.26 2.30 2.34 2.38 2.42 2.45 2.49 2.53 2.56 2.60	[3839] 1.5434 1.5479 1.5552 1.5693 1.5761 1.5828 1.5893 1.5956 1.6019 1.6080	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1256.2	2.25 2.29 2.33 2.37 2.40 2.44 2.48 2.51 2.55 2.58	[3844] 1.5430 1.5472 1.5545 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943 1.6005 1.6067	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56	[385.2] 1.5421 1.5457 1.5531 1.5603 1.5741 1.5807 1.5872 1.5936 1.5999 1.6060	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8
3! 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	90 00 10 20 30 40 50 60 70 80 90	2.26 2.30 2.34 2.38 2.42 2.45 2.53 2.56 2.60 2.63	[383-9]  1.5434  1.5479  1.5552  1.5624  1.5693  1.5761  1.5828  1.5893  1.5956  1.6019  1.6080  1.6140	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1256.2 1261.8	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62	[3844] 1.5430 1.5472 1.5545 1.5687 1.5755 1.5821 1.5886 1.5950 1.6073 1.6073 1.6133	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943 1.6005 1.6027	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59	[385.2] I.5421 I.5457 I.5531 I.5603 I.5741 I.5807 I.5872 I.5936 I.5999 I.6060 I.6120	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8 1261.5
3! 4 4 4 4 4 4 4 4 4 4 5	90 00 00 110 220 330 440 50 660 770 880 990	2.26 2.30 2.34 2.38 2.42 2.45 2.49 2.53 2.56 2.60 2.63 2.67	[383.9]  1.5434  1.5479  1.5552 1.5624 1.5693 1.5761 1.5828  1.5893 1.5956 1.6019 1.6080 1.6140	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1256.2 1261.8	2.25 2.29 2.33 2.37 2.40 2.44 2.48 2.51 2.55 2.58 2.62	[3844] 1.5430 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6073 1.6133	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943 1.6005 1.6067 1.6127	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59	[385.2] 1.5421 1.5457 1.5531 1.5603 1.5741 1.5807 1.5872 1.5936 1.5999 1.6060 1.6120 1.6179	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8 1261.5
3! 4 4 4 4 4 4 4 4 4 5 5 5	90 00 00 10 220 330 440 50 660 770 880 990	2.26 2.30 2.34 2.38 2.42 2.45 2.49 2.53 2.56 2.60 2.63 2.67 2.70	[383-9] 1.5434 1.5479 1.5552 1.5693 1.5761 1.5893 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1256.2 1261.8	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62 2.65 2.69	[384.4] 1.5430 1.5472 1.5545 1.5617 1.5687 1.5755 1.5826 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250	1202.4 1208.6 1214.8 1220.9 1232.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.6005 1.6005 1.6005 1.6007 1.6127	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.66	[385.2] I.5421 I.5457 I.5531 I.5603 I.5741 I.5872 I.5872 I.5936 I.6060 I.6120 I.6179 I.6237	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1255.8 1261.5
3! 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5	90 00 00 110 220 330 440 50 660 770 880 990 00 00	2.26 2.30 2.34 2.38 2.42 2.45 2.53 2.56 2.60 2.63 2.67 2.70 2.74	1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5893 1.5956 1.6080 1.6080 1.6140	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1256.2 1261.8 1267.4 1273.0 1278.6	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62 2.65 2.69 2.72	[384.4] 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1250.3 1261.7	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943 1.6005 1.6067 1.6127	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2 1272.8 1278.3	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.52 2.56 2.59 2.63 2.66 2.69	[385.2] I.5421 I.5457 I.5531 I.5603 I.5673 I.5741 I.5807 I.5897 I.6939 I.6060 I.6120 I.6179 I.6237 I.6234	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1255.8 1261.5 1267.1 1272.7 1278.2
35 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5	90 00 00 10 220 330 440 50 660 770 880 990	2.26 2.30 2.34 2.38 2.42 2.45 2.49 2.53 2.56 2.60 2.63 2.67 2.70	[383-9] 1.5434 1.5479 1.5552 1.5693 1.5761 1.5893 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1256.2 1261.8	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62 2.65 2.69	[384.4] 1.5430 1.5472 1.5545 1.5617 1.5687 1.5755 1.5826 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250	1202.4 1208.6 1214.8 1220.9 1232.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.6005 1.6005 1.6005 1.6007 1.6127	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.66	[385.2] I.5421 I.5457 I.5531 I.5603 I.5741 I.5872 I.5872 I.5936 I.6060 I.6120 I.6179 I.6237	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1255.8 1261.5
3! 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5	90 00 00 10 220 330 440 50 660 770 880 990 00 00 10 220 330 330 40 10 10 10 10 10 10 10 10 10 10 10 10 10	2.26 2.30 2.34 2.38 2.42 2.45 2.49 2.53 2.56 2.60 2.63 2.67 2.70 2.74 2.77 2.80	[383-9] 1.5434 1.5479 1.5552 1.5693 1.5761 1.5893 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256 1.6313 1.6369 1.6424	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1256.2 1261.8 1267.4 1273.0 1278.6 1284.1 1289.6	2.25 2.29 2.33 2.37 2.40 2.44 2.48 2.55 2.58 2.62 2.65 2.69 2.72 2.76 2.79	[384.4] 1.5430 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250 1.6307 1.6362 1.6417	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7 1267.3 1272.9 1278.5 1284.0 1289.5	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71 2.74	[384.8]  1.5445  1.55485  1.5580 1.5680 1.5748 1.5814  1.5879 1.6005 1.6005 1.6027  1.6186 1.6243 1.6300 1.6356 1.6411	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2 1272.8 1278.3 1283.8 1289.3	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.66 2.69 2.73 2.76	[385.2] I.5421 I.5457 I.5531 I.5603 I.5741 I.5807 I.582 I.5939 I.6060 I.6120 I.6179 I.6237 I.6294 I.6350 I.6405	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8 1261.5 1267.1 1272.7 1278.2 1283.7 1289.2
3! 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5	90 00 00 110 220 330 440 50 660 770 90 00 00 00 00 40	2.26  2.30 2.34 2.38 2.42 2.45  2.49 2.53 2.56 2.60 2.63 2.67 2.70 2.77 2.77	[383.9] 1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256 1.6313 1.6369	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1261.8 1267.4 1273.0 1278.6 1284.1	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62 2.65 2.65 2.67 2.72 2.76	[384.4] 1.5430 1.5472 1.5545 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250 1.6362 1.6362	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1245.6 1256.0 1261.7 1267.3 1272.9 1278.5 1284.0 1289.5	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71 2.74	[384.8] 1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943 1.6067 1.6127 1.6186 1.6243 1.6300 1.6356	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2 1272.8 1272.8 1283.8	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.66 2.73	[385.2] I.5421 I.5457 I.5531 I.5603 I.5673 I.5741 I.5807 I.5807 I.5809 I.6060 I.6120 I.6179 I.6237 I.6294 I.6350	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1255.8 1261.5 1267.1 1272.7 1278.2 1283.7
3! 44 44 44 44 45 55 55 55 55 55 55 55 55	90 00 10 220 330 40 50 60 70 00 10 220 330 40 10 10 10 10 10 10 10 10 10 1	2.26  2.30 2.34 2.38 2.42 2.45  2.49 2.53 2.56 2.60 2.63  2.67 2.77 2.80  2.84 2.87 2.90	1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256 1.6313 1.6363 1.6424 1.6478 1.6531 1.6584	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1256.2 1261.8 1267.4 1273.0 1278.6 1284.1 1289.6	2.25 2.29 2.33 2.37 2.40 2.44 2.55 2.55 2.58 2.62 2.65 2.72 2.76 2.79 2.82	[384.4] 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250 1.6307 1.6362 1.6417	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7 1267.3 1272.9 1278.5 1284.0 1289.5	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71 2.74 2.78	[384.8]  1.5425  1.5465  1.5538  1.5610  1.5680  1.5748  1.5879  1.5943  1.6005  1.6067  1.6127  1.6186  1.6320  1.6356  1.6411  1.6466  1.6519  1.6572	1202.2 1208.4 1214.6 1220.7 1226.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2 1272.8 1278.3 1283.8 1289.3	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.69 2.73 2.76 2.80 2.83 2.86	[385.2] I.5421 I.5457 I.5531 I.5603 I.5741 I.5807 I.5899 I.6060 I.6120 I.6179 I.6237 I.6237 I.6235 I.6405 I.6459 I.6513 I.6565	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1255.8 1267.1 1272.7 1278.2 1283.7 1289.2 1294.7 1300.1 1305.5
3! <b>4</b> 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5	90 00 10 220 330 40 50 60 70 60 70 60 70 60 70 60 70 60 70 60 70 60 60 60 60 60 60 60 60 60 6	2.26  2.30 2.34 2.38 2.42 2.45  2.49 2.53 2.56 2.60 2.63  2.67 2.70 2.74 2.80  2.84 2.87 2.90 2.94	1.5439 1.5479 1.5552 1.5624 1.5693 1.5761 1.5893 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256 1.6313 1.6369 1.6424 1.6478 1.6531 1.6584 1.6531	1202.6  1208.8 1215.0 1221.1 1227.1 1233.0  1238.9 1244.7 1250.5 1256.2 1261.8  1267.4 1273.0 1278.0 1278.0 1284.1 1289.6	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62 2.65 2.72 2.76 2.79 2.82 2.86 2.89 2.92	[384.4] 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250 1.6307 1.6347 1.6472 1.6525 1.6578 1.6630	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7 1267.3 1272.9 1278.5 1284.0 1289.5 1294.9 1300.3 1305.7 1311.1	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71 2.74 2.78 2.81 2.84 2.87 2.91	1.5445 1.5465 1.5538 1.5610 1.5680 1.5748 1.5879 1.6005 1.6005 1.6024 1.6350 1.6356 1.6411 1.6466 1.6572 1.66572 1.6624	1202.2  1208.4 1214.6 1220.7 1226.7 1232.7  1238.6 1244.4 1250.2 1255.9 1261.6  1267.2 1272.8 1278.8 1289.3  1294.8 1300.2 1305.6 1311.0	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.66 2.69 2.73 2.76 2.80 2.83 2.86 2.89	[385.2] I.5427 I.5457 I.5531 I.5603 I.5741 I.5872 I.5936 I.5999 I.6060 I.6120 I.6179 I.6237 I.6294 I.6350 I.6459 I.6459 I.6451 I.6455 I.6565 I.6617	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8 1261.5 1267.1 1272.7 1278.2 1283.7 1289.2
3! <b>4</b> 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5	90 00 10 220 330 40 50 60 70 00 10 220 330 40 10 10 10 10 10 10 10 10 10 1	2.26  2.30 2.34 2.38 2.42 2.45  2.49 2.53 2.56 2.60 2.63  2.67 2.77 2.80  2.84 2.87 2.90	1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256 1.6313 1.6363 1.6424 1.6478 1.6531 1.6584	1202.6 1208.8 1215.0 1221.1 1227.1 1233.0 1238.9 1244.7 1250.5 1261.8 1267.4 1273.0 1278.6 1278.6 1279.6 1295.0 1300.4 1305.8	2.25 2.29 2.33 2.37 2.40 2.44 2.48 2.51 2.55 2.58 2.65 2.69 2.72 2.76 2.79 2.82 2.86 2.89	[384.4] 1.5430 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6133 1.6192 1.6250 1.6307 1.6362 1.6417	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7 1267.3 1272.9 1284.0 1289.5 1294.9 1300.3 1305.7	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71 2.74 2.78 2.81 2.84 2.87	[384.8]  1.5425  1.5465  1.5538  1.5610  1.5680  1.5748  1.5879  1.5943  1.6005  1.6067  1.6127  1.6186  1.6320  1.6356  1.6411  1.6466  1.6519  1.6572	1202.2 1208.4 1214.6 1220.7 1226.7 1232.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2 1272.8 1283.8 1289.3 1294.8 1300.2 1305.6	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.69 2.73 2.76 2.80 2.83 2.86	[385.2] I.5421 I.5457 I.5531 I.5603 I.5741 I.5807 I.5899 I.6060 I.6120 I.6179 I.6237 I.6237 I.6235 I.6405 I.6459 I.6513 I.6565	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1255.8 1267.1 1272.7 1278.2 1283.7 1289.2 1294.7 1300.1 1305.5
3! 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	90 00 10 220 330 40 50 60 70 60 90 00 10 220 330 40 50 60 70 60 60 70 60 60 60 60 60 60 60 60 60 6	2.26  2.30 2.34 2.38 2.42 2.45  2.49 2.53 2.56 2.60 2.63  2.67 2.70 2.74 2.80  2.84 2.87 2.90 2.94	1.5439 1.5479 1.5552 1.5624 1.5693 1.5761 1.5893 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256 1.6313 1.6369 1.6424 1.6478 1.6531 1.6584 1.6531	1202.6  1208.8 1215.0 1221.1 1227.1 1233.0  1238.9 1244.7 1250.5 1256.2 1261.8  1267.4 1273.0 1278.0 1278.0 1284.1 1289.6	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62 2.65 2.72 2.76 2.79 2.82 2.86 2.89 2.92	[384.4] 1.5430 1.5545 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250 1.6307 1.6362 1.6417 1.6472 1.6525 1.6578 1.6630 1.6681	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7 1267.3 1272.9 1278.5 1284.0 1289.5 1294.9 1300.3 1305.7 1311.1	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71 2.74 2.78 2.81 2.84 2.87 2.91	1.5445 1.5465 1.5538 1.5610 1.5680 1.5748 1.5879 1.6005 1.6005 1.6024 1.6350 1.6356 1.6411 1.6466 1.6572 1.66572 1.6624	1202.2  1208.4 1214.6 1220.7 1226.7 1232.7  1238.6 1244.4 1250.2 1255.9 1261.6  1267.2 1272.8 1278.8 1289.3  1294.8 1300.2 1305.6 1311.0	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.66 2.69 2.73 2.76 2.80 2.83 2.86 2.89	[385.2] I.5427 I.5457 I.5531 I.5603 I.5741 I.5872 I.5936 I.5999 I.6060 I.6120 I.6179 I.6237 I.6294 I.6350 I.6459 I.6459 I.6451 I.6455 I.6565 I.6617	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8 1261.5 1267.1 1272.7 1278.2 1283.7 1289.2
31 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	90 00 110 220 330 40 50 60 80 90 00 60 60 60 70 88 99 00 00 50	2.26  2.30 2.34 2.38 2.42 2.45  2.49 2.53 2.56 2.60 2.63  2.67 2.77 2.80  2.84 2.97 2.90 2.94 2.97 3.00 3.16	1.5439 1.5479 1.5552 1.5624 1.5693 1.5761 1.5893 1.5956 1.6019 1.6080 1.6140 1.6199 1.6256 1.6313 1.6369 1.6424 1.6478 1.6584 1.6584 1.6587 1.6587	1202.6  1208.8  1215.0 1221.1 1227.1 1233.0  1238.9 1244.7 1250.5 1256.2 1261.8  1267.4 1273.0 1278.6 1284.1 1289.6  1295.0 1300.4 1305.8 1311.1 1316.5	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.62 2.65 2.72 2.76 2.79 2.86 2.89 2.92	[384.4] 1.5472 1.5545 1.5617 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250 1.6307 1.6347 1.6472 1.6525 1.6578 1.6630	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.0 1261.7 1267.3 1272.9 1278.5 1284.0 1289.5 1294.9 1300.3 1305.7 1311.1 1316.4	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.57 2.61 2.64 2.71 2.74 2.78 2.81 2.84 2.87 2.91	1.5425 1.5465 1.5538 1.5610 1.5680 1.5748 1.5814 1.5879 1.5943 1.6005 1.6127 1.6186 1.6243 1.6350 1.6350 1.6411 1.6466 1.6519 1.6572 1.6624 1.6675 1.6725 1.6969	1202.2 1208.4 1214.6 1220.7 1226.7 1238.6 1244.4 1250.2 1251.9 1267.2 1272.8 1278.3 1283.8 1289.3 1294.8 1300.2 1305.6 1311.0 1316.3	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.69 2.73 2.76 2.80 2.89 2.93 2.96 3.12	[385.2] I.5427 I.5457 I.5531 I.5603 I.5743 I.5807 I.5807 I.5899 I.6060 I.6120 I.6179 I.6237 I.6294 I.6350 I.6459 I.6459 I.6459 I.6459 I.6459 I.6459 I.6459 I.6459 I.6459 I.6513 I.6669 I.6719 I.6669	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8 1261.5 1267.1 1272.7 1278.2 1283.7 1289.2 1294.7 1300.1 1305.5 1310.9 1316.2 1321.6 1348.0
35 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	90 00 10 220 50 60 70 80 90 10 220 330 40 10 220 330 40 10 50 60 10 70 80 80 90 10 10 10 10 10 10 10 10 10 10 10 10 10	2.26  2.30 2.34 2.38 2.42 2.45  2.49 2.53 2.56 2.60 2.63 2.67 2.70 2.74 2.77 2.80  2.84 2.87 2.90 2.94 2.97 3.00	1.5434 1.5479 1.5552 1.5624 1.5693 1.5761 1.5828 1.5956 1.6080 1.6140 1.6199 1.6256 1.6313 1.6369 1.6424 1.6478 1.6531 1.6584 1.6636 1.6687	1202.6  1208.8  1215.0  1221.1  1227.1  1233.0  1238.9  1244.7  1250.5  1261.8  1267.4  1273.0  1284.1  1289.6  1295.0  1300.4  1305.8  1311.1  1316.5	2.25 2.29 2.33 2.37 2.40 2.44 2.51 2.55 2.58 2.62 2.65 2.72 2.76 2.79 2.86 2.89 2.92 2.95	[384.4] 1.5430 1.5472 1.5545 1.5687 1.5755 1.5821 1.5886 1.5950 1.6012 1.6073 1.6133 1.6192 1.6250 1.6307 1.6362 1.6417 1.6472 1.6525 1.6578 1.6630 1.6630 1.6681	1202.4 1208.6 1214.8 1220.9 1226.9 1232.9 1238.8 1244.6 1250.3 1256.0 1261.7 1267.3 1272.9 1278.5 1284.0 1289.5 1294.9 1300.3 1305.7 1311.1 1316.4 1321.7	2.24 2.28 2.32 2.35 2.39 2.43 2.47 2.50 2.53 2.57 2.61 2.64 2.67 2.71 2.74 2.78 2.81 2.84 2.87 2.91 2.94	[384.8]  1.5425  1.5465  1.5538  1.5610  1.5680  1.5748  1.5814  1.5879  1.6067  1.6127  1.6186  1.6243  1.6356  1.6411  1.6466  1.6519  1.6572  1.6624  1.6675	1202.2 1208.4 1214.6 1220.7 1226.7 1238.6 1244.4 1250.2 1255.9 1261.6 1267.2 1272.8 1283.8 1289.3 1294.8 1300.2 1305.6 1311.0 1316.3	2.23 2.26 2.30 2.34 2.38 2.41 2.45 2.49 2.52 2.56 2.59 2.63 2.63 2.69 2.73 2.76 2.80 2.83 2.86 2.89 2.93	[385.2]  1.5421  1.5457  1.5531 1.5603 1.5673 1.5741 1.5807  1.5807  1.6809 1.6060 1.6120 1.6179 1.6294 1.6350 1.6405 1.6459 1.6513 1.6565 1.6669 1.6719	1202.0 1208.2 1214.4 1220.5 1226.6 1232.5 1238.4 1244.3 1250.1 1255.8 1261.5 1267.1 1272.7 1278.2 1283.7 1289.2 1294.7 1300.1 1305.5 1310.9 1316.2

Pres-		209		1	210			211			212	
sure		[385.6].	1		[386.0]			[386.4]			[386.8]	
Temp	▼	S	i	V	s	i		S	i	v	S	i
Sat.	2.20	1.5417	1198.9	2.19	1.5413	1199.0	2.18	1.5409	1199.1	2.17	1.5405	1199.1
390	2.21	1.5450	1201.8	2.20	1.5443	1201.6	2.19.	1.5436	1201.4	2.18	1.5429	1201.1
400	2.25	1.5524	1 208.0	2.24	1.5517	1207.9	2.23	1.5510	1207.7	2.22	1.5503	1207.5
410	2.29	1.5596	1214.2	2.28	1.5589	1214.1	2.27	1.5582	1213.9	2.26	1.5575	1213.7
420	2.33	1.5666	1220.4	2.32	1.5659	1220.2	2.30	1.5652	1220.0	2.29	1.5645	1219.8
430 440	2.40	1.5801	1232.4	2.39	1.5794	1232.2	2.38	1.5787	1232.1	2.37	1.5781	1225.9
		14										
450	2.44	1.5866	1238.3	2.43	1.5859	1238.1	2.41	1.5853	1238.0	2.40	1.5846	1237.8
460	2.47	1.5929	1244.1	2.46	1.5923	1244.0	2.45	1.5917	1243.8	2.44	1.5910	1243.7
470 480	2.51	1.5992	1249.9	2.50	1.5986	1249.8	2.48	1.5980	1249.6	2.47	1.5973	1249.5
490	2.58	1.6114	1261.3	2.57	1.6108	1261.2	2.55	1.6101	1261.1	2.54	1.6095	1260.9
500	2.61	1.6173	1267.0	2.60	1.6167	1266.9	2.59	1.6160	1266.7	2.57	1.6154	1266.6
510	2.65	1.6231	1272.6	2.63	1.6225	1272.5	2.62	1.6218	1272.3	2.61	1.6212	1272.2
520	2.68	1.6288	1278.1	2.67	1.6282	1278.0	2.65	1.6276	1277.9	2.64	1.6269	1277.8
530 540	2.71	1.6399	1289.1	2.73	1.6393	1283.5	2.72	1.6387	1288.9	2.71	1.6325	1283.3
						1109.0	,-	100	1200.9			
550	2.78	1.6453	1294.6	2.77	1.6447	1294.5	2.75	1.6441	1294.4	2.74	1.6435	1294.3
560	2.81	1.6507	1300.0	2.80	1.6501	1299.9	2.79	1.6495	1299.8	2.77	1.6489	1299.7
570	2.85	1.6559	1305.4	2.83	1.6553	1305.3	2.82	1.6548	1305.2	2.80	1.6542	1305.1
580 590	2.88	1.6663	1310.8	2.90	1.6605	1310.7	2.85	1.6651	1310.6	2.84	1.6594	1310.5
			1310.1	2.90		1310.1	2.00	1.0031	1310.0	2.07		1315.9
600	2.94	1.6713	1321.5	2.93	1.6707	1321.4	2.91	1.6702	1321.3	2.90	1.6696	1321.2
650	3.10	1.6957	1347.9	3.09	1.6951	1347.8	3.07	1.6946	1347.7	3.06	1.6940	1347.7
700	3.25	1.7187	1374.0	3.24	1.7182	1374.0	3.22	1.7176	1373.9	3.21	1.7171	1373.9
750	3.41	1.7407	1400.0	3.39	1.7401	1399.9	3.37	1.7396	1399.9	3.36	1.7390	1399.8
	1	1	1 '	1 0 05	1 ''	3333	3.37	705	-333.3	0.0	1 100	000
		213	1	0 00	214	- 333 3	0.01	215	-333.3		216	
Sat.	2.16	1	1199.1	2.15		1199.2	2.14		1199.2	2.13	1	1199.3
		213 [387.2]	1199.1	2.15	214 [387.6] 1.5396	1199.2	2.14	215 [388.0]	1199.2	2.13	216 [388.4]	1199.3
390	2.17	213 [387.2] 1.5400 1.5422	1199.1	2.15	214 [387.6] 1.5396 1.5414	1199.2	2.14	215 [388.0] 1.5392 1.5407	1199.2	2.13	216 [388.4] 1.5388 1.5400	1199.3
390 <b>400</b>	2.17	213 [387.2] 1.5400 1.5422 1.5496	1199.1 1200.9 1207.3	2.I5 2.I6 2.I9	214 [387.6] 1.5396 1.5414 1.5489	1199.2	2.14 2.15 2.18	215 [388.0] 1.5392 1.5407 1.5482	1199.2	2.13 2.13 2.17	216 [388.4] 1.5388 1.5400 1.5475	1199.3 1200.3 1206.7
390 <b>400</b> 410	2.17 2.21 2.24	213 [387.2] 1.5400 1.5422 1.5496 1.5568	1199.1 1200.9 1207.3 1213.5	2.I5 2.I6 2.I9 2.23	214 [387.6] 1.5396 1.5414 1.5489 1.5561	1199.2 1200.7 1207.1 1213.3	2.14 2.15 2.18 2.22	215 [388.0] 1.5392 1.5407 1.5482 1.5554	1199.2 1200.5 1206.9 1213.1	2.I3 2.I3 2.I7 2.2I	216 [388.4] 1.5388 1.5400 1.5475 1.5547	1199.3 1200.3 1206.7 1212.9
390 <b>400</b> 410 420	2.17 2.21 2.24 2.28	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638	1199.1 1200.9 1207.3 1213.5 1219.7	2.15 2.16 2.19 2.23 2.27	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631	1199.2 1200.7 1207.1 1213.3 1219.5	2.14 2.15 2.18 2.22 2.26	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625	1199.2 1200.5 1206.9 1213.1 1219.3	2.I3 2.I3 2.I7 2.2I 2.25	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618	1199.3 1200.3 1206.7 1212.9 1219.1
390 <b>400</b> 410	2.17 2.21 2.24	213 [387.2] 1.5400 1.5422 1.5496 1.5568	1199.1 1200.9 1207.3 1213.5	2.I5 2.I6 2.I9 2.23	214 [387.6] 1.5396 1.5414 1.5489 1.5561	1199.2 1200.7 1207.1 1213.3	2.14 2.15 2.18 2.22	215 [388.0] 1.5392 1.5407 1.5482 1.5554	1199.2 1200.5 1206.9 1213.1	2.I3 2.I3 2.I7 2.2I	216 [388.4] 1.5388 1.5400 1.5475 1.5547	1199.3 1200.3 1206.7 1212.9
390 400 410 420 430 440	2.17 2.21 2.24 2.28 2.32 2.35	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7	2.15 2.16 2.19 2.23 2.27 2.31 2.34	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631 1.5700 1.5767	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5625 1.5694 1.5761	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4	2.I3 2.I3 2.I7 2.2I 2.25 2.28 2.32	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2
390 400 410 420 430 440 450	2.17 2.21 2.24 2.28 2.32 2.35	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631 1.5700 1.5767	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2
390 400 410 420 430 440 450 460	2.17 2.21 2.24 2.28 2.32 2.35	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5904	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5760 1.5767 1.5833 1.5897	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4	2.I3 2.I3 2.I7 2.2I 2.25 2.28 2.32 2.32 2.35 2.39	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2
390 400 410 420 430 440 450	2.17 2.21 2.24 2.28 2.32 2.35	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631 1.5700 1.5767	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2
390 400 410 420 430 440 450 460 470	2.17 2.21 2.24 2.28 2.32 2.35 2.39 2.42 2.46	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5707 1.5777 1.5774 1.5840 1.5904 1.5967 1.6028	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1237.7 1243.6 1249.4	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631 1.5700 1.5767 1.5833 1.5897 1.5960	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1249.2 1249.2	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43	215 [388.0] 1.5392 1.5407 1.5482 1.5625 1.5624 1.5761 1.5827 1.5891 1.5891 1.5954	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1	2.I3 2.I3 2.I3 2.I7 2.2I 2.25 2.28 2.32 2.35 2.39 2.42	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5884 1.5947	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1243.1 1248.9 1254.7
390 400 410 420 430 440 450 460 470 480	2.17 2.21 2.24 2.28 2.32 2.35 2.39 2.42 2.46 2.49	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5707 1.5777 1.5774 1.5840 1.5904 1.5967 1.6028	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1243.6 1249.4 1255.1	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5700 1.5767 1.5833 1.5897 1.5960 1.6022	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1249.2 1249.2	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6015	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1249.1 1254.8	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35 2.39 2.42 2.46	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1243.1 1248.9 1254.7
390 400 410 420 430 440 450 460 470 480 490 510	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5707 1.5774 1.5840 1.5904 1.5967 1.6028 1.6089 1.6148 1.6206	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1243.6 1249.4 1255.1 1260.8	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5700 1.5700 1.5700 1.5700 1.5700 1.5700 1.5700 1.5700 1.5700 1.5700 1.5414	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1260.7	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6076 1.6136 1.6136	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1 1254.8 1260.5	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35 2.39 2.42 2.46 2.49 2.52 2.56	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6070 1.6129 1.6188	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4
390 400 410 420 430 440 450 460 470 480 490	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.59 2.63	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5904 1.5967 1.6028 1.6028 1.6028 1.6148 1.6206 1.6263	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1249.4 1255.1 1260.8	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.57631 1.5700 1.5767 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6200 1.6257	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1249.2 1255.0 1260.7	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.47 2.50 2.57 2.50	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.58827 1.5891 1.5954 1.6076 1.6136 1.6194 1.6251	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1249.1 1254.8 1260.5	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35 2.39 2.42 2.46 2.49 2.52 2.56 2.59	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6070 1.6129 1.6128 1.6145	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1243.1 1248.9 1254.7 1260.4
390 400 410 420 430 440 450 460 470 480 490 510 520 530	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53 2.56 2.59 2.63 2.66	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5904 1.5904 1.6208 1.6028 1.6028 1.6028 1.6028 1.6026 1.6253 1.6319	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1237.7 1243.6 1249.4 1255.1 1260.8	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51 2.55 2.58 2.61 2.65	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5760 1.5767 1.5833 1.5897 1.5960 1.6022 1.6022 1.6022 1.6023 1.6023 1.6020 1.6023 1.6020 1.6023 1.6023	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1237.5 1243.4 1249.2 1255.0 1260.7	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.50 2.54 2.57 2.60 2.64	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6015 1.6016 1.6194 1.6251 1.6307	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1 1254.8 1260.5	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35 2.39 2.42 2.46 2.49 2.52 2.56 2.59 2.62	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6129 1.6128 1.6128 1.6188 1.6145 1.6301	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1243.1 1248.9 1254.7 1260.4 1261.7 1277.3 1282.9
390 400 410 420 430 440 450 460 470 480 490 510 520	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.59 2.63	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5904 1.5967 1.6028 1.6028 1.6028 1.6148 1.6206 1.6263	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1249.4 1255.1 1260.8	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.57631 1.5700 1.5767 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6200 1.6257	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1249.2 1255.0 1260.7	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.47 2.50 2.57 2.50	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.58827 1.5891 1.5954 1.6076 1.6136 1.6194 1.6251	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1249.1 1254.8 1260.5	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35 2.39 2.42 2.46 2.49 2.52 2.56 2.59	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6070 1.6129 1.6128 1.6145	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1243.1 1248.9 1254.7 1260.4
390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.69 2.63 2.66 2.69	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5967 1.6028 1.6089 1.6148 1.6266 1.6263 1.6375 1.6375 1.6429	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1243.6 1249.4 1255.1 1260.8 1266.5 1272.1 1277.7 1283:2 1288.7	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51 2.55 2.68 2.61 2.65 2.68	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5700 1.5760 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6200 1.6257 1.6313 1.6369 1.6423	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1260.7 1266.4 1272.0 1277.5 1283.1 1288.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.47 2.50 2.57 2.60 2.64 2.67	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5625 1.5761 1.5827 1.5891 1.5954 1.6076 1.6136 1.6136 1.6136 1.6136 1.6251 1.6363 1.6363 1.6417	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1237.4 1243.3 1249.1 1254.8 1260.5 1266.2 1271.9 1277.4 1283.0 1288.5 1294.0	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35 2.39 2.42 2.46 2.49 2.52 2.56 2.59 2.62 2.65 2.69	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6070 1.6129 1.6129 1.6129 1.6129 1.6129 1.6357 1.6357	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4 1266.1 1271.7 1277.3 1282.9 1288.4
390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 560	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53 2.56 2.59 2.63 2.66 2.69	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5904 1.5904 1.5904 1.6028 1.6028 1.6028 1.6148 1.6206 1.625 1.623 1.6319 1.6375 1.6429 1.6483	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1243.6 1249.4 1255.1 1260.8 1266.5 1277.7 1283.2 1288.7	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51 2.55 2.68 2.61 2.65 2.68	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5767 1.5833 1.5767 1.5883 1.5960 1.6202 1.6082 1.6142 1.6200 1.6257 1.6313 1.6369 1.6423 1.6423 1.6423 1.6423	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1249.2 1255.0 1260.7 1266.4 1272.0 1277.5 1283.1 1288.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.47 2.50 2.54 2.57 2.60 2.64 2.67 2.70 2.70	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6076 1.6136 1.6194 1.6251 1.6307 1.6363 1.6417 1.6471	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1237.4 1249.1 1254.8 1260.5 1266.2 1277.4 1283.0 1288.5 1294.0 1299.4	2.13 2.13 2.17 2.21 2.25 2.28 2.32 2.35 2.39 2.42 2.46 2.49 2.52 2.56 2.59 2.62 2.65 2.69 2.72	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6070 1.6129 1.6188 1.6145 1.6301 1.6357 1.6411 1.6465	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1237.2 1243.1 1243.1 1254.7 1260.4 1271.7 1277.3 1282.9 1288.4 1293.9 1299.3
390 400 410 420 430 440 450 460 470 480 500 510 520 530 540 560 570	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53 2.56 2.59 2.63 2.66 2.69	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5904 1.5967 1.6028 1.6089 1.6148 1.6206 1.6263 1.6319 1.6375 1.6429 1.6483 1.6336	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1237.7 1243.6 1249.4 1255.1 1260.8 1266.5 1277.7 1283.2 1288.7 1294.2 1299.6 1305.0	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.45 2.48 2.51 2.55 2.58 2.65 2.68 2.71 2.74 2.78	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5700 1.5767 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6257 1.6333 1.6369 1.6423 1.6427 1.6530	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1266.4 1272.0 1277.5 1283.1 1288.6 1294.1 1299.5 1304.9	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.50 2.54 2.60 2.60 2.60 2.60 2.70 2.70 2.70	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6015 1.6076 1.6136 1.6136 1.6136 1.6251 1.6337 1.6363 1.6417 1.6471 1.6524	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1 1254.8 1260.5 1266.2 1277.9 1277.4 1283.0 1288.5	2.I3 2.I3 2.I7 2.2I 2.25 2.28 2.32 2.35 2.42 2.46 2.49 2.52 2.66 2.59 2.62 2.65 2.69 2.72 2.75	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6070 1.6129 1.6148 1.6145 1.6357 1.64411 1.6465 1.6518	1199.3 1206.7 1212.9 1212.9 1212.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4 1266.1 1271.7 1277.3 1282.9 1288.4 1293.9 1299.3 1304.8
390 400 410 420 430 440 450 460 470 480 490 510 520 530 540  550 560 570 580	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.59 2.63 2.66 2.69  2.73 2.76 2.79 2.82	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5967 1.6028 1.6028 1.6148 1.6206 1.6263 1.6319 1.6375 1.6429 1.6483 1.6536 1.6588	1199.1 1200.9 1207.3 1213.5 1219.7 1223.7 1231.7 1237.7 1243.6 1249.4 1255.1 1260.8 1266.5 1272.1 1277.7 1283.2 1283.7 1299.6 1305.0 1305.0 1310.4	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.45 2.45 2.48 2.51 2.55 2.58 2.61 2.65 2.68 2.71 2.74 2.78 2.81	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631 1.5700 1.5700 1.5700 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6200 1.6237 1.6313 1.6369 1.6423 1.6423 1.6423 1.6423 1.6423 1.6530	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1260.7 1266.4 1272.0 1277.5 1283.1 1288.1 1299.5 1299.5 1304.9 1304.9 1310.3	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.54 2.57 2.60 2.64 2.67 2.70 2.73 2.76 2.80	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5694 1.5761 1.5891 1.5934 1.6015 1.6076 1.6194 1.6251 1.6307 1.6363 1.6417 1.6471 1.6524 1.6524 1.6576	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1249.1 1254.8 1260.5 1266.2 1271.9 1277.4 1283.0 1288.5 1299.4 1299.4 1304.9 1304.9 1310.3	2.I3 2.I3 2.I7 2.2I 2.25 2.28 2.32 2.35 2.39 2.42 2.46 2.49 2.52 2.56 2.59 2.65 2.69 2.72 2.75 2.75	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5754 1.5820 1.5754 1.5884 1.5947 1.6009 1.6188 1.6145 1.6307 1.6455 1.6357 1.6441 1.6465 1.6518 1.6457	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4 1266.1 1271.7 1277.3 1282.9 1282.9 1299.3 1304.8 1310.2
390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 560 570 580 590	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53 2.56 2.59 2.63 2.66 2.69	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5904 1.5967 1.6028 1.6089 1.6148 1.6206 1.6263 1.6319 1.6375 1.6429 1.6483 1.6336	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1237.7 1243.6 1249.4 1255.1 1260.8 1266.5 1277.7 1283.2 1288.7 1294.2 1299.6 1305.0	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.45 2.48 2.51 2.55 2.58 2.65 2.68 2.71 2.74 2.78	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5700 1.5767 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6257 1.6333 1.6369 1.6423 1.6427 1.6530	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1266.4 1272.0 1277.5 1283.1 1288.6 1294.1 1299.5 1304.9	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.50 2.54 2.60 2.60 2.60 2.60 2.70 2.70 2.70	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6015 1.6076 1.6136 1.6136 1.6136 1.6251 1.6337 1.6363 1.6417 1.6471 1.6524	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1 1254.8 1260.5 1266.2 1277.9 1277.4 1283.0 1288.5	2.I3 2.I3 2.I7 2.2I 2.25 2.28 2.32 2.35 2.42 2.46 2.49 2.52 2.66 2.59 2.62 2.65 2.69 2.72 2.75	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5884 1.5947 1.6009 1.6129 1.6129 1.6128 1.6145 1.6301 1.6357 1.6411 1.6465 1.6518 1.6570 1.6622	1199.3 1206.7 1212.9 1212.9 1212.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4 1266.1 1271.7 1277.3 1282.9 1288.4 1293.9 1299.3 1304.8
390 400 410 420 430 440 450 460 470 480 500 510 520 530 540 560 570 580 590 600	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.59 2.63 2.66 2.69  2.73 2.76 2.79 2.82 2.85 2.88	213 [387.2] 1.5496 1.5496 1.5568 1.5638 1.5707 1.5774 1.5840 1.5994 1.5994 1.6028 1.6028 1.6089 1.6148 1.6266 1.6263 1.6375 1.6429 1.6483 1.6536 1.6536 1.6536 1.6588 1.6639 1.6690	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1237.7 1243.6 1249.4 1255.1 1260.8 1266.5 1277.7 1283.2 1288.7 1294.2 1299.6 1305.0 1310.4 1315.8 1321.2	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51 2.55 2.58 2.65 2.68 2.71 2.78 2.81 2.84 2.87	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5700 1.5767 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6257 1.6333 1.6369 1.6423 1.6424 1.6530	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1266.4 1272.0 1277.5 1283.1 1288.6 1294.1 1299.5 1304.9 1310.3 1315.7 1321.1	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.54 2.57 2.60 2.60 2.60 2.70 2.70 2.80 2.80 2.80 2.80	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6015 1.6076 1.6136 1.6194 1.6237 1.6363 1.6417 1.6327 1.6363 1.6417 1.6524 1.6576 1.6628 1.6678	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1 1254.8 1260.5 1266.2 1271.9 1277.4 1283.0 1288.5 1294.0 1299.4 1304.9 1310.3 1315.6 1321.0	2.I3  2.I3  2.I7  2.25  2.28  2.32  2.35  2.42  2.46  2.49  2.52  2.65  2.69  2.72  2.75  2.78  2.81	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.5618 1.5687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6129 1.6145 1.6357 1.6411 1.6465 1.6518 1.6570 1.6622 1.6673	1199.3 1206.7 1212.9 1212.9 1212.9 1225.2 1231.2 1243.1 1248.9 1254.7 1260.4 1266.1 1277.7 1277.3 1282.9 1288.4 1293.9 1299.3 1304.8 1310.2 1315.5 1320.9
390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 560 570 580 590 600 650	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.59 2.63 2.66 2.69  2.73 2.76 2.79 2.82 2.85 2.88 3.94	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5568 1.5774 1.5840 1.5904 1.5967 1.6028 1.6089 1.6148 1.6206 1.6319 1.6319 1.6483 1.6358 1.6483 1.6588 1.6588 1.6588 1.6588 1.6588 1.6590 1.6588 1.6590 1.6588 1.6590 1.6590 1.6690 1.6690 1.6934	1199.1 1200.9 1207.3 1213.5 1213.7 1225.7 1231.7 1243.6 1249.4 1255.1 1260.8 1266.5 1272.1 1277.7 1283.7 1288.7 1299.6 1305.0 1310.4 1315.8 1321.2 1347.6	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.45 2.45 2.48 2.51 2.55 2.58 2.65 2.68 2.71 2.74 2.78 2.81 2.87 3.03	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631 1.5700 1.5700 1.5700 1.6022 1.6082 1.6142 1.6200 1.6257 1.6313 1.6313 1.6359 1.6427 1.6330 1.6427 1.6530 1.6423 1.6477 1.6530 1.6423 1.6477 1.6530 1.6423	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1266.4 1272.0 1277.5 1288.6 1294.1 1299.5 1304.9 1310.3 1315.7 1321.1 1347.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.57 2.60 2.64 2.67 2.70 2.73 2.76 2.80 2.80 2.80 2.86 3.01	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6015 1.6076 1.6136 1.6194 1.6307 1.6303 1.6471 1.6471 1.6576 1.6628 1.6628 1.6678 1.6678 1.6678 1.66923	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1 1254.8 1260.5 1266.2 1271.9 1277.4 1283.0 1288.5 1294.0 1299.4 1304.9 1310.3 1315.6 1321.0 1347.5	2.I3  2.I3  2.I7 2.2I 2.25 2.28 2.32  2.35 2.42 2.46 2.49  2.52 2.56 2.59 2.62 2.65 2.69 2.72 2.75 2.78 2.81 2.84 3.00	216 [388.4] 1.5388 1.5400 1.5475 1.55475 1.5618 1.5687 1.5754 1.5820 1.5754 1.5820 1.6009 1.6129 1.6188 1.6145 1.6301 1.6357 1.6441 1.6465 1.6570 1.6622 1.6673 1.6673 1.66917	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4 1266.1 1271.7 1277.3 1282.9 1282.9 1293.9 1299.3 1304.8 1310.2 1315.5
390 400 410 420 430 440 450 460 470 480 490 510 520 530 540 560 570 680 690 600	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.59 2.63 2.66 2.69  2.73 2.76 2.82 2.85  2.88 3.04 3.19	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5763 1.5707 1.5774 1.5840 1.5967 1.6028 1.6028 1.6263 1.6379 1.6375 1.6429 1.6483 1.6536	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1237.7 1243.6 1249.4 1255.1 1260.8 1266.5 1272.1 1277.7 1283.2 1294.2 1299.6 1305.0 1310.4 1315.8 1321.2 1347.6 1373.8	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.38 2.41 2.45 2.48 2.51 2.55 2.68 2.71 2.78 2.81 2.84 2.87 3.03 3.18	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5700 1.5700 1.5833 1.5897 1.5960 1.6022 1.6082 1.6142 1.6200 1.6257 1.6369 1.6423 1.6423 1.6423 1.6423 1.6423 1.6423 1.6530 1.6530 1.6530 1.6530 1.6530 1.6530 1.6684 1.6684 1.6929 1.7159	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1260.7 1266.4 1272.0 1277.5 1283.1 1299.5 1299.5 1304.9 1310.3 1315.7	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.54 2.57 2.60 2.64 2.67 2.70 2.70 2.70 2.70 2.70 2.80	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5654 1.5694 1.5954 1.6015 1.6076 1.6136 1.6194 1.6251 1.6363 1.6417 1.6363 1.6417 1.6524 1.6525 1.6628 1.6678 1.6678 1.6678 1.6678 1.66923 1.7154	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1249.1 1254.8 1260.5 1266.2 1271.9 1277.4 1283.0 1288.5 1294.0 1299.4 1304.9 1310.3 1315.6 1321.0 1347.5 1373.7	2.I3  2.I3  2.I7 2.2I  2.25 2.28 2.32  2.35 2.42 2.46 2.49  2.52 2.56 2.59 2.62 2.65 2.69 2.72 2.78 2.81  2.84 3.00 3.15	216 [388.4] 1.5388 1.5400 1.5475 1.5547 1.55687 1.5754 1.5820 1.5884 1.5947 1.6009 1.6188 1.6145 1.6301 1.6357 1.6455 1.6518 1.65518 1.65518 1.6570 1.6622 1.6673 1.6673 1.6917 1.7148	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4 1271.7 1277.3 1282.9 1293.9 1293.9 1293.9 1304.8 1304.8 1310.2 1315.5
390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 560 570 580 590 600 650	2.17  2.21 2.24 2.28 2.32 2.35  2.39 2.42 2.46 2.49 2.53  2.56 2.59 2.63 2.66 2.69  2.73 2.76 2.79 2.82 2.85 2.88 3.94	213 [387.2] 1.5400 1.5422 1.5496 1.5568 1.5568 1.5774 1.5840 1.5904 1.5967 1.6028 1.6089 1.6148 1.6206 1.6319 1.6319 1.6483 1.6358 1.6483 1.6588 1.6588 1.6588 1.6588 1.6588 1.6590 1.6588 1.6590 1.6588 1.6590 1.6590 1.6690 1.6690 1.6934	1199.1 1200.9 1207.3 1213.5 1219.7 1225.7 1231.7 1237.7 1243.6 1249.4 1255.1 1260.8 1266.5 1272.1 1277.7 1283.2 1294.2 1299.6 1305.0 1310.4 1315.8 1321.2 1347.6 1373.8	2.15 2.16 2.19 2.23 2.27 2.31 2.34 2.45 2.45 2.48 2.51 2.55 2.58 2.65 2.68 2.71 2.74 2.78 2.81 2.87 3.03	214 [387.6] 1.5396 1.5414 1.5489 1.5561 1.5631 1.5700 1.5700 1.5700 1.6022 1.6082 1.6142 1.6200 1.6257 1.6313 1.6313 1.6359 1.6427 1.6330 1.6427 1.6530 1.6423 1.6477 1.6530 1.6423 1.6477 1.6530 1.6423	1199.2 1200.7 1207.1 1213.3 1219.5 1225.6 1231.6 1237.5 1243.4 1249.2 1255.0 1266.4 1272.0 1277.5 1288.6 1294.1 1299.5 1304.9 1310.3 1315.7 1321.1 1347.6	2.14 2.15 2.18 2.22 2.26 2.29 2.33 2.36 2.40 2.43 2.47 2.50 2.57 2.60 2.64 2.67 2.70 2.73 2.76 2.80 2.80 2.80 2.86 3.01	215 [388.0] 1.5392 1.5407 1.5482 1.5554 1.5625 1.5694 1.5761 1.5827 1.5891 1.5954 1.6015 1.6076 1.6136 1.6194 1.6307 1.6303 1.6471 1.6471 1.6576 1.6628 1.6628 1.6678 1.6678 1.6678 1.66923	1199.2 1200.5 1206.9 1213.1 1219.3 1225.4 1231.4 1237.4 1243.3 1249.1 1254.8 1260.5 1266.2 1271.9 1277.4 1283.0 1288.5 1294.0 1299.4 1304.9 1310.3 1315.6 1321.0 1347.5	2.I3  2.I3  2.I7 2.2I 2.25 2.28 2.32  2.35 2.42 2.46 2.49  2.52 2.56 2.59 2.62 2.65 2.69 2.72 2.75 2.78 2.81 2.84 3.00	216 [388.4] 1.5388 1.5400 1.5475 1.55475 1.5618 1.5687 1.5754 1.5820 1.5754 1.5820 1.6009 1.6129 1.6188 1.6145 1.6301 1.6357 1.6441 1.6465 1.6570 1.6622 1.6673 1.6673 1.66917	1199.3 1200.3 1206.7 1212.9 1219.1 1225.2 1231.2 1237.2 1243.1 1248.9 1254.7 1260.4 1266.1 1271.7 1277.3 1282.9 1282.9 1293.9 1299.3 1304.8 1310.2 1315.5

	Pres-		217 [388.8]			218 [389.2]			219 [389.6]			<b>220</b> [390.0]	
1	remp ° F.	V	s	i	V	S	i		s	i	▼	8	i
5	Sat.	2.12	1.5384	1199.3	2.11	1.5380	1199.4	2.10	1.5376	1199.4	2.09	1.5372	1199.5
4	100	2.16	1.5468	1206.5	2.15	1.5461	1206.3	2.14	1.5454	1206.1	2.13	1.5447	1205.9
4	IO	2.20	1.5540	1212.8	2.19	1.5534	1212.6	2.18	1:5527	1212.4	2.17	1.5520	1212.2
	20	2.24	1.5611	1219.0	2.22	1.5605	1218.8	2.21	1.5598	1218.6	2.20	1.5591	1218.4
	30	2.27	1.5680	1225.1	2.26	1.5674	1224.9	2.25	1.5667	1224.7	2.24	1.5660	1224.5
	40	2.30	1.5747	1231.1	2.29	1.5741	1230.9	2.28	1.5734	1230.8	2.27	1.5728	1230.6
4	50	2.34	1.5813	1237.1	2.33	1.5807	1236.9	2.32	1.5801	1236.8	2.31	1.5794	1236.6
4	60	2.37	1.5878	1243.0	2.36	1.5871	1242.8	2.35	1.5865	1242.7	2.34	1.5859	1242.5
4	70	2.41	1.5941	1248.8	2.40	1.5935	1248.6	2.39	1.5928	1248.5	2.38	1.5922	1248.4
	80	2.44	1.6003	1254.6	2.43	1.5997	1254.4	2.42	1.5990	1254.3	2.41	1.5984	1254.2
	90	2.48	1.6064	1260.3	2.47	1.6057	1260.2	2.45	1.6051	1260.0	2.44	1.6045	1259.9
F	000	2.51	1.6123	1266.0	2.50	1.6117	1265.9	2.49	1.6111	1265.7	2.47	1.6105	1265.6
	IO	2.54	1.6182	1271.6	2.53	1.6175	1271.5	2.52	1.6169	1271.4	2.51	1.6163	1271.3
	20	2.58	1.6239	1277.2	2.56	1.6233	1277.1	2.55	1.6227	1277.0	2.54	1.6221	1276.9
	30	2.61	1.6295	1282.8	2.60	1.6289	1282.7	2.58	1.6283	1282.6	2.57	1.6277	1282.5
	40	2.64	1.6351	1288.3	2.63	1.6345	1288.2	2.62	1.6339	1288.1	2.60	1.6333	1288.0
	_						1200.2						1200.0
	50	2.67	1.6405	1293.8	2.66	1.6399	1293.7	2.65	1.6394	1293.6	2.64	1.6388	1293.5
5	60	2.71	1.6459	1299.2	2.69	1.6453	1299.1	2.68	1.6448	1299.1	2.67	1.6442	1299.0
	70	2.74	1.6512	1304.7	2.72	1.6506	1304.6	2.71	1.6501	1304.5	2.70	1.6495	1304.4
5	80	2.77	1.6564	1310.1	2.76	1.6558	1310.0	2.74	1.6553	1309.9	2.73	1.6547	1309.8
5	90	2.80	1.6616	1315.5	2.79	1.6610	1315.4	2.77	1.6605	1315.3	2.76	1.6599	1315.2
6	000	2.83	1.6667	1320.8	2.82	1.6661	1320.7	2.80	1.6656	1320.7	2.79	1.6650	1320.6
	50	2.98	1.6912	1347.3	2.97	1.6906	1347.3	2.95	1.6901	1347.2	2.94	1.6895	1347.1
	00	3.13	1.7143	1373.6	3.12	1.7137	1373.5	3.10	1.7132	1373.5	3.09	1.7126	1373.4
	50	3.28	1.7363	1399.6	3.27	1.7357	1399.6	3.25	1.7352	1399.5	3.24	1.7346	1399.5
				-3333	37		-3333	03					
	00	3.42	I.7573	1425.6	3.41	1.7568	1425.5	3.30	1.7562	1425.5	3.38	I.7557	1425.5
=	000	3.42	1.7573	1425.6	3.41	1.7568	1425.5	3.39	1.7562	1425.5	3.38	1.7557	1425.5
=	800	3.42	221 [390.3]	1425.6	3.41	222 [390.7]	1425.5	3.39	223 [391.1]	1425.5	3.38	224 [391.5]	1425.5
=	Sat.	2.08	221	1425.6	2.07	222	1425.5	2.06	223	1425.5	2.05	224	1199.7
=	Sat.	2.08	<b>221</b> [390.3] 1.5368	1199.5	2.07	222 [390.7] 1.5364	1199.6	2.06	223 [391.1] 1.5360	1199.6	2.05	224 [391.5] 1.5356	1199.7
= 5	Sat.	2.08	221 [390.3] 1.5368 1.5440	1199.5	2.07	222 [390.7] 1.5364 1.5433	1199.6	2.06	223 [391.1] 1.5360 1.5427	1199.6	2.05	224 [391.5] 1.5356 1.5420	1199.7
5	Sat.	2.08 2.12 2.15	221 [390.3] 1.5368 1.5440 1.5513	1199.5	2.07 2.11 2.14	222 [390.7] 1.5364 1.5433 1.5507	1199.6 1205.5 1211.8	2.06 2.10 2.13	223 [391.1] 1.5360 1.5427 1.5500	1199.6 1205.3 1211.6	2.05 2.09 2.12	224 [391.5] 1.5356 1.5420 1.5493	1199.7 1205.1 1211.4
= S	Sat.	2.08 2.12 2.15 2.19	221 [390.3] 1.5368 1.5440 1.5513 1.5584	1199.5 1205.7 1212.0 1218.2	2.07 2.11 2.14 2.18	222 [390.7] 1.5364 1.5433 1.5507 1.5578	1199.6 1205.5 1211.8 1218.0	2.06 2.10 2.13 2.17	223 [391.1] 1.5360 1.5427 1.5500 1.5571	1199.6 1205.3 1211.6 1217.9	2.05 2.09 2.12 2.16	224 [391.5] 1.5356 1.5420 1.5493 1.5565	1199.7 1205.1 1211.4 1217.7
4 4 4 4	Sat.	2.08 2.12 2.15 2.19 2.23	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654	1199.5 1205.7 1212.0 1218.2 1224.4	2.07 2.11 2.14 2.18 2.22	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647	1199.6 1205.5 1211.8 1218.0 1224.2	2.06 2.10 2.13 2.17 2.20	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641	1199.6 1205.3 1211.6 1217.9 1224.0	2.05 2.09 2.12 2.16 2.19	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634	1199.7 1205.1 1211.4 1217.7 1223.9
444444444444444444444444444444444444444	Sat. 100 10 20 30	2.08 2.12 2.15 2.19 2.23 2.26	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4	2.07 2.11 2.14 2.18 2.22 2.25	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3	2.06 2.10 2.13 2.17 2.20 2.24	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1	2.05 2.09 2.12 2.16 2.19 2.23	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0
= - \frac{4}{4} \f	Sat. 100 10 20 30 40	2.08 2.12 2.15 2.19 2.23 2.26	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.57654 1.5722	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4	2.07 2.11 2.14 2.18 2.22 2.25 2.28	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3	2.06 2.10 2.13 2.17 2.20 2.24	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1	2.05 2.09 2.12 2.16 2.19 2.23 2.26	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0
= - SS 44 44 44 44 44 44 44 44 44 44 44 44	Sat. 100 10 20 30 40	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1236.1 1242.1	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1236.0 1241.9
=	5at. 100 10 20 30 40 40	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36	221 [39°.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5781 1.5846 1.5910	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1248.1	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34	223 [391.1] 1.5360 1.5427 1.5550 1.5571 1.5641 1.5709 1.5775 1.5840 1.5993	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1236.1 1242.1 1247.9	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33	224 [391.5] 1.5356 1.5420 1.5565 1.5634 1.5702 1.5769 1.5834 1.5897	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1236.0 1241.9 1247.8
=	600 100 120 130 140 150 160 170 180	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.5978	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1248.2 1248.2	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5841 1.5841 1.5910	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.3 1248.1 1248.1	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5966	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1246.1 1247.9 1253.7	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5884 1.5897 1.5960	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.9 1247.8 1253.6
= SS 44 44 44 44 44 44 44 44 44 44 44 44	600 100 200 300 440 450 660 770 880 990	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36	221 [39°.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5781 1.5846 1.5910	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1248.1	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5966 1.6027	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1242.1 1247.9 1253.7 1259.5	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.5897 1.5960 1.6021	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.9 1247.8 1253.6 1259.4
= SS 44 44 44 44 44 44 44 44 44 44 44 44	600 100 120 130 140 150 160 170 180	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43	221 [390-3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.5978 1.6039	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4 1248.2 1254.0 1259.8	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42	222 [390.7] 1.5364 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.5972 1.6033	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.2 1248.1 1253.9 1259.6	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5966 1.6027	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1242.1 1247.9 1253.7 1259.5	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36 2.40	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5884 1.5897 1.5960	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.9 1247.8 1253.6 1259.4
= - S 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5	600 100 200 300 440 450 660 770 880 990	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.5978	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1248.2 1248.2	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5841 1.5841 1.5910	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.3 1248.1 1248.1	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5966	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1236.1 1242.1 1247.9 1253.7 1259.5	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.5897 1.5960 1.6021	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.9 1247.8 1253.6 1259.4
= - S 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5	1000 1000 1200 1300 1400 1500 1600 1700 1800 1900 1100	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43	221 [390:3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.5978 1.6039	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1248.2 1254.0 1259.8	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.45	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.5972 1.6033 1.6093	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.2 1248.1 1253.9 1259.6	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5966 1.6027	1199.6 1205.3 1211.6 1217.9 1224.0 1236.1 1247.9 1253.7 1259.5 1265.2 1270.9	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.36 2.40	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.5897 1.5960 1.6021 1.6081 1.6081	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.9 1247.8 1253.6 1259.4
= - S 4 4 4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5	100 100 120 130 140 150 160 170 180 190 110 120	2.08  2.12 2.15 2.19 2.23 2.26  2.30 2.33 2.36 2.40 2.43	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.5978 1.6039 1.6099 1.6157	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4 1248.2 1254.0 1259.8	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.48 2.52	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.5972 1.6033	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.2 1248.1 1253.9 1259.6 1265.4 1271.0	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5966 1.6027 1.6087 1.6087 1.6145	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1236.1 1242.1 1247.9 1253.7 1259.5	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.40	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5897 1.5960 1.6021 1.6081	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.9 1247.8 1253.6 1259.4
=	1000 1000 1200 1300 1400 1500 1600 1700 1800 1900 1100	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5722 1.5788 1.5853 1.5916 1.6099 1.6157 1.6215	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1248.2 1254.0 1259.8 1265.5 1271.1	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.45	222 [390-7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.6033 1.6093 1.6151 1.6209	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.2 1248.1 1253.9 1259.6	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5966 1.6027	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1236.1 1247.9 1253.7 1259.5 1265.2 1270.9 1276.5	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.36 2.40	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.5896 1.6021 1.6081 1.6139 1.6197	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.9 1247.8 1253.6 1259.4
=	100 100 120 130 140 150 160 170 180 190 110 120 130	2.08  2.12 2.15 2.19 2.23 2.26  2.30 2.33 2.36 2.40 2.43  2.47 2.50 2.53 2.56	221 [390-3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.6978 1.6099 1.6157 1.6215 1.6271	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4 1248.2 1259.8 1259.8 1265.5 1271.1 1276.7 1282.3	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.45 2.48 2.52 2.55	222 [390-7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.693 1.6093 1.6151 1.6209 1.6209 1.6266	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.2 1248.1 1253.9 1259.6 1265.4 1271.0 1276.6 1282.2	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5993 1.5966 1.6087 1.6145 1.6260	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1242.1 1247.9 1259.5 1265.2 1270.9 1276.5 1282.1	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.44 2.45 2.49 2.52	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.5896 1.6081 1.6081 1.6139 1.6139 1.6197 1.6254	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1241.9 1241.9 1247.8 1253.6 1259.4 1265.1 1270.8 1270.8
=	10 120 130 140 160 160 170 180 190 10 120 133 140	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.47 2.50 2.53 2.56 2.59	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5953 1.6999 1.6157 1.6215 1.6271 1.6327	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1248.2 1254.0 1259.8 1265.5 1271.1 1276.7 1282.3 1287.9	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.35 2.38 2.42 2.45 2.48 2.52 2.55 2.58	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5781 1.5846 1.5910 1.5972 1.6033 1.6093 1.6151 1.6209 1.6266 1.6321	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1248.1 1253.9 1259.6 1265.4 1271.0 1276.6 1282.2 1287.8	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5779 1.5775 1.5840 1.5903 1.5966 1.6027 1.6087 1.6145 1.6203 1.6203 1.6260 1.6315	1199.6 1205.3 1211.6 1217.9 1224.0 1236.1 1247.9 1253.7 1259.5 1265.2 1270.9 1276.5 1282.1 1287.7	2.05 2.09 2.12 2.16 2.19 2.23 2.36 2.36 2.40 2.43 2.46 2.49 2.52 2.56	224 [391.5] 1.5356 1.5420 1.5493 1.5563 1.5769 1.5769 1.5834 1.5897 1.5960 1.6081 1.6081 1.6139 1.6139 1.6137 1.6254 1.6310	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1241.9 1247.8 1253.6 1259.4 1265.1 1270.8 1276.4 1282.0 1287.6
=	55at. 100 100 120 130 140 150 160 170 180 190 100 120 130 140 150 160 170 180 190 190 190 190 190 190 190 19	2.08  2.12 2.15 2.19 2.23 2.26  2.30 2.33 2.36 2.40 2.43  2.47 2.50 2.53 2.56 2.59 2.62	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5722 1.5788 1.5956 1.5978 1.6039 1.6099 1.6157 1.6215 1.6221 1.6327 1.6382	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1248.2 1254.0 1259.8 1265.5 1271.1 1276.7 1282.3 1287.9	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.48 2.52 2.55 2.58 2.61	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5781 1.5781 1.5781 1.5992 1.6033 1.6093 1.6151 1.6209 1.6266 1.6321 1.6376	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1253.9 1253.9 1265.4 1271.0 1276.6 1282.2 1287.8	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57 2.60	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.57641 1.5709 1.5775 1.5840 1.5906 1.6027 1.6087 1.6087 1.6145 1.6203 1.6260 1.6315 1.6370	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1242.1 1247.9 1253.7 1259.5 1265.2 1270.9 1276.5 1282.1 1287.7	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.46 2.49 2.52 2.56 2.59	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5837 1.5960 1.6081 1.6081 1.6139 1.6197 1.6254 1.6310	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1247.8 1253.6 1259.4 1265.1 1270.8 1270.8 1276.4 1282.0 1287.6
=	55at. 600 110 120 130 140 150 160 170 180 190 190 190 190 190 190 190 19	2.08  2.12 2.15 2.19 2.23 2.26  2.30 2.33 2.36 2.40 2.43  2.47 2.50 2.53 2.56 2.59	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.6999 1.6157 1.6215 1.6271 1.6327 1.6382 1.6382 1.6436	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4 1242.4 1259.8 1259.8 1265.5 1271.1 1276.7 1282.3 1287.9	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.45 2.52 2.55 2.58 2.61 2.64	222 [390-7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.6093 1.6093 1.6151 1.6209 1.6266 1.6321 1.6376 1.6376 1.6430	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1248.1 1253.9 1259.6 1265.4 1271.0 1276.6 1282.2 1287.8	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5966 1.6027 1.6087 1.6145 1.6203 1.6260 1.6315 1.6370 1.6424	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1236.1 1242.1 1247.9 1253.7 1259.5 1265.2 1270.9 1276.5 1282.1 1287.7	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.40 2.43 2.49 2.52 2.56 2.59 2.62	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.5896 1.6081 1.6081 1.6139 1.6139 1.6254 1.6310 1.6365 1.63419	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1241.9 1241.9 1245.6 1253.6 1259.4 1265.1 1270.8 1270.8 1270.4 1282.0 1287.6
=	55at. 1000 110 120 130 140 150 160 170 180 190 100 120 130 140 160 170 180 190 190 190 190 190 190 190 19	2.08  2.12 2.15 2.19 2.23 2.26  2.30 2.33 2.36 2.40 2.43  2.47 2.50 2.53 2.56 2.59	221 [390-3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5853 1.5916 1.5978 1.6039 1.6157 1.6215 1.6271 1.6327 1.6382 1.6436 1.6489	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1242.4 1242.5 1255.9 1265.5 1271.1 1282.3 1287.9 1293.4 1298.9 1304.3	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.45 2.55 2.58 2.61 2.64 2.67	222 [390-7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5781 1.5846 1.5910 1.5972 1.6033 1.6093 1.6151 1.6206 1.6221 1.6376 1.6430 1.6430 1.6483	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1242.2 1248.1 1259.6 1265.4 1271.0 1276.6 1282.2 1287.8 1293.3 1298.8 1304.2	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5963 1.5963 1.6087 1.6145 1.6203 1.6260 1.6250 1.6370 1.6424 1.6478	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1242.1 1247.9 1259.5 1265.2 1270.9 1276.5 1282.1 1287.7	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.49 2.52 2.56 2.59 2.62 2.65	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.5897 1.5960 1.6081 1.6139 1.6197 1.6254 1.6310 1.6365 1.6419 1.6472	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1241.9 1247.8 1253.6 1253.6 1276.8 1276.8 1282.0 1282.0 1282.0 1298.6 1304.0
## 44 44 44 44 44 44 44 44 44 44 44 44 4	100 120 130 140 150 160 170 180 190 10 120 130 140 160 170 180 180 190 190 190 190 190 190 190 190 190 19	2.08  2.12 2.15 2.19 2.23 2.26  2.30 2.33 2.36 2.40 2.43  2.47 2.50 2.53 2.56 2.59  2.62 2.65 2.69 2.72 2.75	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5722 1.5788 1.5916 1.5916 1.6999 1.6157 1.6271 1.6327 1.6327 1.6382 1.6436 1.6489 1.6593	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4 1254.0 1259.8 1265.5 1271.1 1276.7 1282.3 1287.9 1293.4 1298.9 1304.3 1309.7 1315.1	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.42 2.45 2.48 2.52 2.55 2.58 2.61 2.64 2.67 2.70 2.73	222 [390-7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5846 1.5942 1.6093 1.6093 1.6151 1.6209 1.6266 1.6321 1.6376 1.6430 1.6483 1.6538	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1248.1 1253.9 1259.6 1271.0 1282.2 1287.8 1293.3 1298.8 1304.2 1309.6 1315.0	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.50 2.54 2.57 2.60 2.63 2.66 2.69 2.72	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.57840 1.5903 1.5966 1.6903 1.6087 1.6145 1.623 1.6260 1.6315 1.6370 1.6424 1.6478 1.6530 1.6582	1199.6 1205.3 1211.6 1217.9 1224.0 1236.1 1242.9 1253.7 1259.5 1265.2 1270.9 1276.5 1282.1 1298.7 1298.7 1309.5 1314.9	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.45 2.52 2.56 2.52 2.65 2.65 2.65 2.65 2.65	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5897 1.5960 1.6021 1.6081 1.6139 1.6197 1.6254 1.6310 1.6365 1.6419 1.6472 1.6524 1.6576	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1247.8 1253.6 1259.4 1265.1 1270.8
= 44 44 44 44 44 44 44 45 55 55 55 55 55 5	55at. 100 110 120 130 140 150 160 160 170 180 190 190 190 190 190 190 190 19	2.08  2.12 2.15 2.19 2.23 2.26  2.30 2.33 2.36 2.40 2.43  2.47 2.50 2.53 2.56 2.59  2.62 2.65 2.69 2.72 2.75	221 [390-3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5978 1.6039 1.6057 1.6215 1.6271 1.6327 1.6382 1.6489 1.6489 1.6541 1.6593 1.6644	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1236.4 1242.4 1242.4 1259.8 1259.8 1265.5 1271.1 1276.7 1282.3 1287.9 1293.4 1298.9 1304.3 1309.7 1315.1 1320.5	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.45 2.52 2.55 2.58 2.61 2.64 2.67 2.70 2.73	222 [390-7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.693 1.6093 1.6151 1.6209 1.6266 1.6321 1.6376 1.6430 1.6483 1.6536 1.6588	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1242.9 1253.9 1253.9 1259.6 1282.2 1287.8 1293.3 1298.8 1304.2 1309.6 1315.0	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57 2.60 2.63 2.66 2.69 2.72	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5966 1.6087 1.6145 1.6203 1.6260 1.6315 1.6370 1.6424 1.6478 1.6530 1.6582 1.6533	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1236.1 1242.1 1242.1 1253.7 1259.5 1265.2 1270.9 1282.1 1287.7 1293.2 1298.7 1304.1 1309.5 1314.9	2.05 2.09 2.12 2.16 2.19 2.23 2.26 2.30 2.43 2.40 2.43 2.45 2.49 2.52 2.56 2.65 2.65 2.68 2.71	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5702 1.5769 1.5834 1.58960 1.6021 1.6081 1.6197 1.6254 1.6310 1.6365 1.6419 1.6472 1.6524 1.6576 1.6627	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1241.9 1241.9 1241.9 1253.6 1253.6 1259.4 1265.1 1270.8 1282.0 1282.0 1282.0 1293.1 1298.6 1309.4 1314.8 1320.2
= 44 44 44 44 44 44 44 44 44 44 44 44 44	55at. 100 110 120 130 140 150 160 170 180 190 100 110 120 130 140 150 160 170 180 190 190 190 190 190 190 190 19	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.47 2.50 2.53 2.56 2.59 2.62 2.65 2.72 2.75	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5978 1.6039 1.6039 1.6157 1.6225 1.6271 1.6327 1.6327 1.6328 1.6436 1.6436 1.6448 1.6593 1.66444 1.6593 1.66444 1.6889	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1242.4 1248.2 1255.9 1276.7 1282.3 1287.9 1293.4 1298.9 1304.3 1309.7 1315.1	2.07  2.11 2.14 2.18 2.22 2.25  2.28 2.32 2.35 2.38 2.42  2.45 2.55 2.58  2.61 2.67 2.70 2.73  2.77 2.91	222 [390-7] 1.5364 1.5507 1.5578 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.5972 1.6033 1.6033 1.6151 1.6206 1.6221 1.6376 1.6430 1.6430 1.6430 1.6536 1.6588 1.6538 1.6538 1.6538 1.6639 1.6884	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1248.1 1253.9 1253.9 1265.4 1271.0 1276.6 1282.2 1287.8 1293.3 1298.8 1304.2 1309.6 1315.0	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57 2.60 2.63 2.66 2.69 2.72 2.75 2.90	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5903 1.6087 1.6087 1.6145 1.6200 1.6200 1.6200 1.6200 1.6200 1.6315 1.6370 1.6424 1.6478 1.6530 1.6582 1.6633 1.66879	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1242.1 1247.9 1253.7 1259.5 1265.2 1270.9 1270.9 1282.1 1287.7 1293.2 1298.7 1304.1 1309.5 1314.9	2.05  2.09 2.12 2.16 2.19 2.23  2.26 2.30 2.33 2.36 2.40  2.43 2.46 2.49 2.52 2.56  2.59 2.62 2.65 2.68 2.71	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5769 1.5834 1.5897 1.5960 1.6021 1.6081 1.6139 1.6197 1.6254 1.6310 1.6345 1.6472 1.6524 1.6526 1.6627 1.6627	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1241.9 1247.8 1253.6 1253.6 1259.6 1276.8 1276.8 1282.0 1287.6 1293.1 1298.6 1304.0 1309.4 1314.8 1320.2 1346.9
=	55at. 100 120 130 140 140 150 160 170 180 190 190 190 190 190 190 190 19	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.47 2.50 2.53 2.56 2.59 2.62 2.65 2.65 2.69 2.72 2.75 2.78 2.93 3.08	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5953 1.6999 1.6157 1.6215 1.6271 1.6327 1.6327 1.6382 1.6486 1.6486 1.6593 1.6644 1.6588 1.7121	1199.5 1205.7 1212.0 1218.2 1224.4 1236.4 1248.2 1254.0 1259.8 1265.5 1271.1 1276.7 1282.3 1293.4 1293.4 1298.9 1309.7 1315.1 1320.5 1347.1 1373.4	2.07 2.11 2.14 2.18 2.22 2.25 2.28 2.32 2.35 2.38 2.42 2.45 2.55 2.58 2.61 2.64 2.67 2.70 2.73 2.77 2.91 3.06	222 [390.7] 1.5364 1.5433 1.5507 1.5578 1.5647 1.5715 1.5781 1.5940 1.693 1.6093 1.6151 1.6209 1.6266 1.6321 1.6376 1.6430 1.6430 1.6536 1.6536 1.6588 1.6639 1.6588 1.6639 1.6884 1.7116	1199.6 1205.5 1211.8 1218.0 1224.2 1236.3 1242.2 1248.1 1253.9 1259.6 1265.4 1271.0 1276.6 1282.2 1287.8 1293.3 1298.8 1304.2 1309.6 1315.0	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57 2.60 2.63 2.66 2.72 2.75 2.90 3.05	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5963 1.6027 1.6087 1.6145 1.6203 1.6260 1.6315 1.6370 1.6424 1.6478 1.6530 1.6582	1199.6  1205.3 1211.6 1217.9 1224.0 1230.1 1246.1 1247.9 1253.7 1259.5  1265.2 1270.9 1276.5 1282.1 1287.7 1293.2 1298.7 1304.1 1309.5 1314.9	2.05 2.09 2.12 2.16 2.19 2.23 2.36 2.40 2.43 2.46 2.49 2.52 2.56 2.52 2.65 2.65 2.68 2.71 2.74 2.89 3.03	224 [391.5] 1.5356 1.5420 1.5493 1.5563 1.5769 1.5769 1.5887 1.5960 1.6081 1.6139 1.6127 1.6254 1.6310 1.6365 1.6419 1.6472 1.6576 1.6627 1.6576	1199.7 1205.1 1211.4 1217.7 1223.9 1230.0 1241.8 1253.6 1259.4 1265.1 1270.8 1276.4 1282.0 1287.6 1293.1 1298.6 1309.4 1314.8 1320.2 1346.9 1373.2
=	55at. 100 110 120 130 140 150 160 170 180 190 100 110 120 130 140 150 160 170 180 190 190 190 190 190 190 190 19	2.08 2.12 2.15 2.19 2.23 2.26 2.30 2.33 2.36 2.40 2.43 2.47 2.50 2.53 2.56 2.59 2.62 2.65 2.72 2.75	221 [390.3] 1.5368 1.5440 1.5513 1.5584 1.5654 1.5722 1.5788 1.5978 1.6039 1.6039 1.6157 1.6225 1.6271 1.6327 1.6327 1.6328 1.6436 1.6436 1.6448 1.6593 1.66444 1.6593 1.66444 1.6889	1199.5 1205.7 1212.0 1218.2 1224.4 1230.4 1242.4 1242.4 1248.2 1255.9 1276.7 1282.3 1287.9 1293.4 1298.9 1304.3 1309.7 1315.1	2.07  2.11 2.14 2.18 2.22 2.25  2.28 2.32 2.35 2.38 2.42  2.45 2.55 2.58  2.61 2.67 2.70 2.73  2.77 2.91	222 [390-7] 1.5364 1.5507 1.5578 1.5578 1.5647 1.5715 1.5781 1.5846 1.5910 1.5972 1.6033 1.6033 1.6151 1.6206 1.6221 1.6376 1.6430 1.6430 1.6430 1.6536 1.6588 1.6538 1.6538 1.6538 1.6639 1.6884	1199.6 1205.5 1211.8 1218.0 1224.2 1230.3 1236.3 1242.2 1248.1 1253.9 1253.9 1265.4 1271.0 1276.6 1282.2 1287.8 1293.3 1298.8 1304.2 1309.6 1315.0	2.06 2.10 2.13 2.17 2.20 2.24 2.27 2.31 2.34 2.37 2.41 2.44 2.47 2.50 2.54 2.57 2.60 2.63 2.66 2.69 2.72 2.75 2.90	223 [391.1] 1.5360 1.5427 1.5500 1.5571 1.5641 1.5709 1.5775 1.5840 1.5903 1.5903 1.6087 1.6087 1.6145 1.6200 1.6200 1.6200 1.6200 1.6200 1.6315 1.6370 1.6424 1.6478 1.6530 1.6582 1.6633 1.66879	1199.6 1205.3 1211.6 1217.9 1224.0 1230.1 1242.1 1247.9 1253.7 1259.5 1265.2 1270.9 1270.9 1282.1 1287.7 1293.2 1298.7 1304.1 1309.5 1314.9	2.05  2.09 2.12 2.16 2.19 2.23  2.26 2.30 2.33 2.36 2.40  2.43 2.46 2.49 2.52 2.56  2.59 2.62 2.65 2.68 2.71	224 [391.5] 1.5356 1.5420 1.5493 1.5565 1.5634 1.5769 1.5834 1.5897 1.5960 1.6021 1.6081 1.6139 1.6197 1.6254 1.6310 1.6345 1.6472 1.6524 1.6526 1.6627 1.6627	1199.7 1205.1 1211.4 1217.7 1223.9 1236.0 1241.9 1247.8 1253.6 1253.6 1259.6 1276.8 1276.8 1282.0 1287.6 1293.1 1298.6 1304.0 1309.4 1314.8 1320.2 1346.9

Pres- sure		225 [391.9]			<b>226</b> [392.3]			<b>227</b> [392.7]			<b>228</b> [393.0]	
Temp	▼	s	i	٧	s	i	V	S	i	V	s	i
Sat.	2.05	1.5352	1199.7	2.04	1.5348	1199.8	2.03	1.5344	1199.8	2,02	1.5341	1199.8
400	2.08	1.5413	1204.9	2.07	1.5406	1204.7	2.06	1.5399	1204.5	2.05	1.5393	1204.3
410	2.11	1.5486	1211.3	2.10	1.5480	1211.1	2.09	1.5473	1210.9	2.08	1.5467	1210.7
420	2.15	1.5558	1217.5	2.14	1.5552	1217.3	2.13	1.5545	1217.2	2.12	1.5539	1217.0
430	2.18	1.5628	1223.7	2.17	1.5621	1223.5	2.16	1.5615	1223.4	2.15	1.5609	1223.2
440	2.22	1.5696	1229.8	2.21	1.5689	1229.6	2.20	1.5683	1229.5	2.19	1.5677	1229.3
450	2.25	1.5762	1235.8	2.24	1.5756	1235.6	2.23	1.5750	1235.5	2.22	1.5744	1235.3
460	2.28	1.5827	1241.8	2.27	1.5821	1241.6	2,26	1.5815	1241.5	2.25	1.5809	1241.3
470	2.32	1.5891	1247.7	2.31	1.5885	1247.5	2.30	1.5879	1247.4	2.29	1.5873	1247.2
480	2.35	1.5953	1253.5	2.34	1.5947	1253.3	2.33	1.5941	1253.2	2.32	1.5935	1253.1
490	2.38	1.6014	1259.3	2.37	1.6009	1259.1	2.36	1.6003	1259.0	2.35	1.5997	1258.9
500	2.42	1.6074	1265.0	2.40	1.6069	1264.9	2.39	1.6063	1264.7	2.38	1.6057	1264.6
510	2.45	1.6133	1270.7	2.44	1.6128	1270.5	2.43	1.6122	1270.4	2.42	1.6116	1270.3
520	2.48	1.6191	1276.3	2.47	1.6185	1276.2	2.46	1.6180	1276.1	2.45	1.6174	1275.9
530	2.51	1.6248	1281.9	2.50	1.6242	1281.8	2.49	1.6236	1281.7	2.48	1.6231	1281.6
540	2.54	1.6304	1287.5	2.53	1.6298	1287.4	2.52	1.6292	1287.3	2.51	1.6287	1287.1
550	2.57	1.6359	1293.0	2.56	1.6353	1292.9	2.55	1.6347	1292.8	2.54	1.6342	1292.7
560	2.60	1.6413	1298.5	2.59	1.6407	1298.4	2.58	1.6402	1298.3	2.57	1.6396	1298.2
570	2.64	1.6466	1303.9	2.62	1.6461	1303.8	2.61	1.6455	1303.7	2.60	1.6449	1303.7
580	2.67	1.6519	1309.4	2.65	1.6513	1309.3	2.64	1.6508	1309.2	2.63	1.6502	1309.1
590	2.70	1.6571	1314.8	2.68	1.6565	1314.7	2.67	1.6560	1314.6	2.66	1.6554	1314.5
600	2.73	1.6622	1320.2	2.71	1.6616	1320.1	2.70	1.6611	1320.0	2.69	1.6605	1319.9
650	2.88	1.6868	1346.8	2.86	1.6862	1346.7	2.85	1.6857	1346.7	2.84	1.6852	1346.6
700	3.02	1.7100	1373.1	3.01	1.7094	1373.1	2.99	1.7089	1373.0	2.98	1.7084	1373.0
750	3.16	1.7320	1399.2	3.15	1.7315	1399.2	3.13	1.7310	1399.1	3.12	1.7304	1399.1
800	3.30	1.7531	1425.3	3.29	1.7526	1425.2	3.27	1.7521	1425.2	3.26	1.7516	1425.1
		229			230			231			232	
		<b>229</b> [393.4]			230 [393.8]			231 [394.2]			<b>232</b> [394.5]	
Sat.	2.01		1199.9	2.00		1199.9	1.99		1200.0	1.98		1200.0
Sat. 400	2.01	[393.4]	1199.9	2.00	[393.8]	1199.9	1.99	[394.2]	1200.0	1.98	[394.5]	1200.0
		[393.4] 1.5337			[393.8] 1.5333 1.5379			[394.2]			[394.5]	
400	2.03	[393.4] 1.5337 1.5386	1204.2	2.02	[393.8]	1204.0	2.01	[394.2] 1.5329 1.5373	1203.7	2.00	[394.5] 1.5325 1.5366	1203.5
<b>400</b>	2.03	[393.4] 1.5337 1.5386 1.5460	1204.2	2.02	[393.8] 1.5333 1.5379 1.5453	1204.0	2.01	[394.2] 1.5329 1.5373 1.5447	1203.7	2.00	[394.5] 1.5325 1.5366 1.5440	1203.5 1209.9 1216.3 1222.5
<b>400</b> 410 420	2.03 2.07 2.11	[393.4] 1.5337 1.5386 1.5460 1.5532	1204.2 1210.5 1216.8	2.02 2.06 2.10	[393.8] 1.5333 1.5379 1.5453 1.5526	1204.0 1210.3 1216.6	2.01 2.05 2.09	[394.2] 1.5329 1.5373 1.5447 1.5519	1203.7 1210.1 1216.4	2.00 2.04 2.08	[394.5] 1.5325 1.5366 1.5440 1.5513	1203.5 1209.9 1216.3
400 410 420 430 440	2.03 2.07 2.11 2.14 2.17	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5670	1204.2 1210.5 1216.8 1223.0 1229.1	2.02 2.06 2.10 2.13 2.16	[393.8] 1.5333 1.5379 1.5453 1.5526 1.5596 1.5664	1204.0 1210.3 1216.6 1222.8 1229.0	2.01 2.05 2.09 2.12 2.15	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658	1203.7 1210.1 1216.4 1222.7 1228.8	2.00 2.04 2.08 2.11 2.14	[394.5] 1.5325 1.5366 1.5440 1.5513 1.5583 1.5651	1203.5 1209.9 1216.3 1222.5 1228.6
400 410 420 430 440 450	2.03 2.07 2.11 2.14	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5670	1204.2 1210.5 1216.8 1223.0	2.02 2.06 2.10 2.13 2.16	[393.8] 1.5333 1.5379 1.5453 1.5526 1.5596 1.5664 1.5731	1204.0 1210.3 1216.6 1222.8	2.01 2.05 2.09 2.12	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725	1203.7 1210.1 1216.4 1222.7	2.00 2.04 2.08 2.11	[394.5] 1.5325 1.5366 1.5440 1.5513 1.5583 1.5651 1.5719	1203.5 1209.9 1216.3 1222.5
400 410 420 430 440 450 460	2.03 2.07 2.11 2.14 2.17	1.5337 1.5386 1.5460 1.5532 1.5602 1.5670 1.5737 1.5803	1204.2 1210.5 1216.8 1223.0 1229.1	2.02 2.06 2.10 2.13 2.16	[393.8] 1.5333 1.5379 1.5453 1.5526 1.5596 1.5664	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0	2.01 2.05 2.09 2.12 2.15 2.19 2.22	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5725 1.5790	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9	2.00 2.04 2.08 2.11 2.14 2.18 2.21	[394.5] 1.5325 1.5366 1.5440 1.5513 1.5583 1.5651 1.5719 1.5784	1203.5 1209.9 1216.3 1222.5 1228.6
400 410 420 430 440 450	2.03 2.07 2.11 2.14 2.17	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5670	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2	2.02 2.06 2.10 2.13 2.16	[393.8] 1.5333 1.5379 1.5453 1.5526 1.5526 1.5664 1.5731 1.5797	1204.0 1210.3 1216.6 1222.8 1229.0	2.01 2.05 2.09 2.12 2.15	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725	1203.7 1210.1 1216.4 1222.7 1228.8	2.00 2.04 2.08 2.11 2.14	[394.5] 1.5325 1.5366 1.5440 1.5513 1.5583 1.5651 1.5719	1203.5 1209.9 1216.3 1222.5 1228.6
400 410 420 430 440 450 460 470	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27	1.5337 1.5386 1.5460 1.5532 1.5602 1.5670 1.5737 1.5803 1.5867	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26	[393.8] 1.5333 1.5379 1.5453 1.5526 1.5596 1.5664 1.5731 1.5797 1.5861	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1246.9	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.5855	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.21	[394.5] 1.5325 1.5366 1.5440 1.5513 1.5583 1.5651 1.5719 1.5784 1.5849	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6
400 410 420 430 440 450 460 470 480 490	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34	[393.4]  1.5337  1.5386  1.5460  1.5532  1.5602  1.5737  1.5803  1.5867  1.5929  1.5991	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33	[393.8]  1.5333  1.5379  1.5453  1.5526  1.5596  1.5664  1.5731  1.5797  1.5861  1.5923  1.5985	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1246.9 1252.8 1258.6	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.5855 1.5917 1.5979	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8 1252.7 1258.5	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31	[394.5]  1.5325  1.5366 1.5440 1.5513 1.5583 1.5651  1.5719 1.5784 1.5849 1.5911 1.5973	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3
400 410 420 430 440 450 460 470 480 490 500	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34	[393.4]  1.5337  1.5386  1.5460  1.5532  1.5602  1.5737  1.5803  1.5867  1.5929  1.5991  1.6051	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33	[393.8]  1.5333  1.5379  1.5453  1.5526  1.5596  1.5664  1.5731  1.5797  1.5861  1.5923  1.5985	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1246.9 1252.8 1258.6	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32	[394.2]  1.5329  1.5373 1.5447 1.5519 1.5589 1.5658  1.5725 1.5790 1.5855 1.5917 1.5979	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8 1252.7 1258.5	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31	[394.5] 1.5325 1.5366 1.5440 1.5513 1.5583 1.5651 1.5719 1.5784 1.5849 1.5911	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3
400 410 420 430 440 450 460 470 480 490 500 510	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40	[393.4]  1.5337  1.5386  1.5460  1.5532  1.5602  1.5737  1.5803  1.5867  1.5929  1.5991	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33	[393.8]  1.5333  1.5379  1.5453  1.5526  1.5596  1.5664  1.5731  1.5797  1.5861  1.5923  1.5985	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1246.9 1252.8 1258.6	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.5855 1.5917 1.5979	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8 1252.7 1258.5	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31	1.5325 1.5366 1.5440 1.5513 1.5583 1.5651 1.5719 1.5784 1.5849 1.5911 1.5973 1.6033	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3
400 410 420 430 440 450 460 470 480 490 510 520	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40 2.43	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5737 1.5803 1.5867 1.5929 1.5991 1.6051 1.6110	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33 2.36 2.39 2.42	[393.8]  1.5333  1.5379  1.5453  1.5526  1.5596  1.5664  1.5737  1.5861  1.5923  1.5985  1.6045  1.6104	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1258.6	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.38 2.41	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.5855 1.5917 1.5979 1.6039 1.6038 1.6156	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8 1252.7 1258.5	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31 2.34 2.37 2.40	[394.5]  1.5325  1.5366  1.5440  1.5513  1.5583  1.5651  1.5779  1.5784  1.5849  1.5911  1.5973  1.6033  1.6092	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3 1264.1 1269.8
400 410 420 430 440 450 460 470 480 490 500 510	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5670 1.5737 1.5803 1.5867 1.5929 1.5991 1.6051 1.6110 1.6168	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.33 2.36 2.39	[393.8]  1.5333  1.5379  1.5453  1.5526  1.5596  1.5664  1.5731  1.5797  1.5861  1.5923  1.5985  1.6045  1.6104  1.6162	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1246.9 1252.8 1258.6	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.38	[394.2] 1.5329 1.5373 1.5447 1.5519 1.55658 1.5725 1.5795 1.5855 1.5917 1.5979 1.6039 1.6039	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8 1252.7 1258.5	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31 2.34 2.37	[394.5] 1.5325 1.5366 1.5440 1.5513 1.5583 1.5651 1.5719 1.5784 1.5849 1.5911 1.5973 1.6032 1.6032 1.6151	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3
400 410 420 430 440 460 470 480 490 510 520 530 540	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40 2.43 2.46 2.50	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5670 1.5737 1.5803 1.5867 1.5929 1.5991 1.6051 1.6168 1.6225 1.6281	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1247.1 1252.9 1258.7 1264.5 1270.2 1275.8 1281.4 1287.0	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33 2.36 2.39 2.42 2.45 2.49	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5596 1.5664  1.5731 1.5797 1.5861 1.5923 1.5985  1.6045 1.6104 1.6162 1.6219 1.6275 1.6331	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1252.8 1258.6 1264.4 1270.1 1275.7 1281.3 1286.9	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.41 2.44 2.47	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.5855 1.5917 1.5979 1.6039 1.6039 1.6056 1.6213 1.6270	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31 2.34 2.37 2.40 2.43 2.46	[394.5]  1.5325  1.5366  1.5440  1.5513  1.5583  1.5651  1.5719  1.5784  1.5849  1.5911  1.5973  1.6033  1.6092  1.6151  1.6208  1.6264	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7
400 410 420 430 440 460 470 480 490 500 510 520 530 540 560	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40 2.43 2.46 2.50 2.53 2.56	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5670 1.5737 1.5803 1.5867 1.5929 1.6051 1.6160 1.6168 1.6225 1.6281 1.6336 1.6336	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7 1264.5 1270.2 1275.8 1281.4 1287.0	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33 2.36 2.39 2.42 2.45 2.49	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5596 1.5664  1.5731 1.5797 1.5861 1.5923 1.6985 1.6045 1.6162 1.6219 1.6275 1.6331 1.63385	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1252.8 1258.6 1264.4 1270.1 1275.7 1281.3 1286.9	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.38 2.41 2.44 2.47	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.6039 1.6098 1.6156 1.6213 1.6270 1.6325 1.6379	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31 2.34 2.37 2.40 2.43 2.46	[394.5]  1.5325  1.5366  1.5440  1.5513  1.5583  1.5651  1.5719  1.5784  1.5849  1.5911  1.5973  1.6033  1.6033  1.6092  1.6151  1.6208  1.6264  1.6319  1.6374	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1240.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7
400 410 420 430 440 450 460 470 480 490 510 520 530 540 550 560 570	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40 2.43 2.46 2.50 2.53 2.56 2.59	[393.4]  1.5337  1.5386  1.5460  1.5532  1.5670  1.5737  1.5803  1.5867  1.5929  1.6051  1.6160  1.6168  1.6225  1.6281  1.6336  1.6336  1.6336  1.63390  1.6443	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7 1264.5 1275.8 1281.4 1287.0	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33 2.45 2.45 2.45 2.49	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5564  1.5731 1.5797 1.5861 1.5923 1.5985 1.6045 1.6104 1.6162 1.6219 1.6275	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1258.6 1264.4 1275.7 1281.3 1286.9	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.38 2.41 2.44 2.47	[394.2]  1.5329  1.5373 1.5447 1.5519 1.5589 1.5658  1.5725 1.5790 1.5917 1.5919 1.6039 1.6039 1.6156 1.6213 1.6270	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31 2.34 2.37 2.40 2.43 2.46	[394.5]  1.5325  1.5366 1.5440 1.5513 1.5583 1.5651  1.5719 1.5784 1.5849 1.5911 1.5973 1.6033 1.6092 1.6151 1.6208 1.6264	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7
400 410 420 430 440 460 470 480 490 500 510 520 530 540 560	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40 2.43 2.46 2.50 2.53 2.56	[393.4] 1.5337 1.5386 1.5460 1.5532 1.5602 1.5670 1.5737 1.5803 1.5867 1.5929 1.6051 1.6160 1.6168 1.6225 1.6281 1.6336 1.6336	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7 1264.5 1270.2 1275.8 1281.4 1287.0	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33 2.36 2.39 2.42 2.45 2.49	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5596 1.5664  1.5731 1.5797 1.5861 1.5923 1.6985 1.6045 1.6162 1.6219 1.6275 1.6331 1.63385	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1252.8 1258.6 1264.4 1270.1 1275.7 1281.3 1286.9	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.38 2.41 2.44 2.47	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.6039 1.6098 1.6156 1.6213 1.6270 1.6325 1.6379	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1240.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31 2.34 2.37 2.40 2.43 2.46	[394.5]  1.5325  1.5366  1.5440  1.5513  1.5583  1.5651  1.5719  1.5784  1.5849  1.5911  1.5973  1.6033  1.6033  1.6092  1.6151  1.6208  1.6264  1.6319  1.6374	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1240.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7
400 410 420 430 440 460 470 480 490 500 520 530 540 560 570 580 590	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.46 2.50 2.53 2.56 2.59 2.62 2.65	[393.4]  1.5337  1.5386  1.5460 1.5532 1.5602 1.5670  1.5737 1.5803 1.5867 1.5929 1.6910 1.6168 1.6225 1.6281 1.6336 1.6330 1.6443 1.6496 1.6548	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7 1264.5 1270.2 1275.8 1281.4 1287.0 1292.6 1303.6 1309.0 1314.4	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33 2.42 2.45 2.49 2.52 2.55 2.58 2.61	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5596 1.5664  1.5731 1.5797 1.5861 1.5923 1.5985  1.6045 1.6104 1.6162 1.6219 1.6275 1.6331 1.6385 1.6438 1.64491 1.6543	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1252.8 1270.1 1275.7 1281.3 1286.9 1292.5 1303.5 1303.5 1314.3	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.39 2.35 2.38 2.41 2.44 2.47 2.50 2.53 2.56 2.59 2.62	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5979 1.6039 1.6039 1.6156 1.6213 1.6270 1.6325 1.6379 1.6433 1.6485 1.6537	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8 1292.4 1297.9 1303.4 1308.8 1314.2	2.00 2.04 2.08 2.11 2.14 2.21 2.24 2.23 2.31 2.34 2.37 2.40 2.43 2.46 2.52 2.55 2.58 2.61	[394.5]  1.5325  1.5366  1.5440  1.5513  1.5583  1.5651  1.5719  1.5784  1.5849  1.5911  1.5973  1.6033  1.6092  1.6151  1.6208  1.6264  1.6319  1.6374  1.6427  1.6480  1.6532	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7 1292.3 1297.8 1303.3 1308.7 1314.2
400 410 420 430 440 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.37 2.40 2.43 2.46 2.50 2.53 2.56 2.59 2.62 2.65	[393.4]  1.5337  1.5386 1.5460 1.5532 1.5602 1.5670  1.5737 1.5803 1.5867 1.5929 1.6929 1.6929 1.6051 1.6168 1.6225 1.6281  1.6336 1.6336 1.6390 1.6443 1.6496 1.6548	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 12247.1 1252.9 1258.7 1264.5 1275.8 1281.4 1287.0 1292.6 1303.6 1309.0 1314.4	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.30 2.33 2.45 2.45 2.45 2.45 2.45 2.45 2.49	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5596 1.5731 1.5797 1.5861 1.5923 1.5985 1.6045 1.6162 1.6219 1.6275 1.6331 1.6385 1.6438 1.6491 1.6543 1.6594	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1258.6 1264.4 1275.7 1281.3 1286.9 1292.5 1303.5 1308.9 1314.3	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.38 2.41 2.47 2.50 2.53 2.56 2.59 2.62	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5589 1.5658 1.5725 1.5790 1.6039 1.6039 1.6039 1.6156 1.6213 1.6270 1.6325 1.6379 1.6433 1.6485 1.6537	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.23 2.31 2.34 2.37 2.40 2.43 2.46 2.52 2.55 2.58 2.61	[394.5]  1.5325  1.5366 1.5440 1.5513 1.5583 1.5651  1.5719 1.5784 1.5849 1.5911 1.5973 1.6093 1.6092 1.6151 1.6208 1.6264  1.6319 1.6374 1.6427 1.6480 1.6532	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1246.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7
400 410 420 430 440 460 470 480 490 500 510 520 530 540 560 570 580 590 600 650	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.40 2.43 2.46 2.50 2.53 2.56 2.59 2.62 2.65 2.68 2.82	[393.4]  1.5337  1.5386 1.5460 1.5532 1.5602 1.5737 1.5803 1.5867 1.5929 1.5991 1.6051 1.6168 1.6225 1.6281 1.6336 1.6396 1.6496 1.6548	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1264.5 1275.8 1281.4 1287.0 1292.6 1298.1 1303.6 1309.0 1314.4	2.02 2.06 2.10 2.13 2.16 2.22 2.23 2.26 2.33 2.33 2.36 2.39 2.445 2.45 2.45 2.45 2.55 2.49 2.52 2.55 2.61 2.64	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5564 1.5731 1.5797 1.5861 1.5923 1.5985 1.6045 1.6104 1.6162 1.6219 1.6275 1.6331 1.6385 1.6438 1.6491 1.6543 1.6594 1.6594	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1252.8 1258.6 1264.4 1270.1 1281.3 1286.9 1292.5 1303.5 1308.9 1314.3	2.01 2.05 2.09 2.12 2.15 2.22 2.25 2.29 2.32 2.35 2.38 2.41 2.47 2.50 2.53 2.56 2.59 2.62	[394.2]  1.5329  1.5373 1.5447 1.5519 1.5589 1.5725 1.5790 1.6039 1.6039 1.6098 1.6156 1.6213 1.6270 1.6325 1.6379 1.6433 1.6485 1.6537	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8 1292.4 1297.9 1303.4 1308.8 1314.2	2.00 2.04 2.08 2.11 2.14 2.21 2.24 2.28 2.31 2.34 2.37 2.46 2.49 2.52 2.55 2.58 2.61 2.64 2.79	[394.5]  1.5325  1.5366 1.5440 1.5513 1.5583 1.55719 1.5784 1.5911 1.5973 1.6033 1.6092 1.6151 1.6208 1.6264 1.6319 1.6374 1.6427 1.6480 1.6532 1.6583 1.6830	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7 1292.3 1297.8 1308.7 1314.2
400 410 420 430 440 460 470 480 490 500 510 520 530 540 560 570 580 590 600 650 700	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.40 2.43 2.46 2.50 2.53 2.56 2.59 2.62 2.65 2.68 2.82 2.97	[393.4]  1.5337  1.5386 1.5460 1.5532 1.5602 1.5737 1.5803 1.5867 1.5929 1.6051 1.6110 1.6168 1.6225 1.6281 1.6336 1.6390 1.6446 1.6548	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1258.7 1264.5 1270.2 1275.8 1281.4 1288.4 1289.0 1303.6 1309.0 1314.4	2.02 2.06 2.10 2.13 2.16 2.20 2.23 2.26 2.33 2.36 2.39 2.42 2.45 2.49 2.52 2.58 2.61 2.64 2.67 2.81 2.95	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5564 1.5797 1.5861 1.5923 1.5985 1.6045 1.6104 1.6162 1.6219 1.6275 1.6331 1.6385 1.6438 1.6491 1.6543	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1246.9 1252.8 1258.6 1264.4 1270.1 1275.7 1281.3 1286.9 1292.5 1298.0 1303.5 1298.0 1303.5 1308.9 1314.3	2.01 2.05 2.09 2.12 2.15 2.19 2.22 2.25 2.29 2.32 2.35 2.41 2.44 2.47 2.50 2.53 2.56 2.59 2.62	[394.2] 1.5329 1.5373 1.5447 1.5519 1.5658 1.5725 1.5795 1.6039 1.6039 1.6098 1.6156 1.6213 1.6270 1.6325 1.6379 1.6485 1.6537	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8 1292.4 1297.9 1303.8 1314.2	2.00 2.04 2.08 2.11 2.14 2.18 2.21 2.24 2.28 2.31 2.34 2.37 2.40 2.43 2.45 2.55 2.55 2.58 2.61 2.64 2.79 2.93	[394.5]  1.5325  1.5366  1.5440  1.5513  1.5583  1.55719  1.57784  1.5849  1.5911  1.5973  1.6033  1.6092  1.6151  1.6208  1.6264  1.6319  1.6374  1.6427  1.6426  1.6379  1.6427  1.6428  1.6532	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1246.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7 1292.3 1303.3 1308.7 1314.2
400 410 420 430 440 460 470 480 490 500 510 520 530 540 560 570 580 590 600 650	2.03 2.07 2.11 2.14 2.17 2.21 2.24 2.27 2.31 2.34 2.40 2.43 2.46 2.50 2.53 2.56 2.59 2.62 2.65 2.68 2.82	[393.4]  1.5337  1.5386 1.5460 1.5532 1.5602 1.5737 1.5803 1.5867 1.5929 1.5991 1.6051 1.6168 1.6225 1.6281 1.6336 1.6396 1.6496 1.6548	1204.2 1210.5 1216.8 1223.0 1229.1 1235.2 1241.2 1247.1 1252.9 1264.5 1275.8 1281.4 1287.0 1292.6 1298.1 1303.6 1309.0 1314.4	2.02 2.06 2.10 2.13 2.16 2.22 2.23 2.26 2.33 2.33 2.36 2.39 2.445 2.45 2.45 2.45 2.55 2.49 2.52 2.55 2.61 2.64	[393.8]  1.5333  1.5379 1.5453 1.5526 1.5564 1.5731 1.5797 1.5861 1.5923 1.5985 1.6045 1.6104 1.6162 1.6219 1.6275 1.6331 1.6385 1.6438 1.6491 1.6543 1.6594 1.6594	1204.0 1210.3 1216.6 1222.8 1229.0 1235.0 1241.0 1252.8 1252.8 1258.6 1264.4 1270.1 1281.3 1286.9 1292.5 1303.5 1308.9 1314.3	2.01 2.05 2.09 2.12 2.15 2.22 2.25 2.29 2.32 2.35 2.38 2.41 2.47 2.50 2.53 2.56 2.59 2.62	[394.2]  1.5329  1.5373 1.5447 1.5519 1.5589 1.5725 1.5790 1.6039 1.6039 1.6098 1.6156 1.6213 1.6270 1.6325 1.6379 1.6433 1.6485 1.6537	1203.7 1210.1 1216.4 1222.7 1228.8 1234.9 1246.8 1252.7 1258.5 1264.2 1269.9 1275.6 1281.2 1286.8 1292.4 1297.9 1303.4 1308.8 1314.2	2.00 2.04 2.08 2.11 2.14 2.21 2.24 2.28 2.31 2.34 2.37 2.46 2.49 2.52 2.55 2.58 2.61 2.64 2.79	[394.5]  1.5325  1.5366 1.5440 1.5513 1.5583 1.55719 1.5784 1.5911 1.5973 1.6033 1.6092 1.6151 1.6208 1.6264 1.6319 1.6374 1.6427 1.6480 1.6532 1.6583 1.6830	1203.5 1209.9 1216.3 1222.5 1228.6 1234.7 1240.7 1246.6 1252.5 1258.3 1264.1 1269.8 1275.5 1281.1 1286.7 1292.3 1297.8 1308.7 1314.2

Pres-		<b>233</b> [394.9]		- 7	<b>234</b> [395.3]			<b>235</b> [395.6]			<b>236</b> [396.0]	
Temp	v	s	i	v	s	i	V	s	i	v	S	i
Sat.	1.98	1.5321	1200.0	1.97	1.5318	1200.1	1.96	1.5314	1200.1	1.95	1.5310	I 200. I
400	2.00	1.5360	1203.3	1.99	1.5353	1203.1	1.98	1.5346	1202.9	1.97	1.5340	1202.7
410	2.03	1.5434	1209.8	2.02	1.5427	1209.6	2.01	1.5421	1209.4	2.00	1.5414	1209.2
420	2.07	1.5506	1216.1	2.06	1.5500	1215.9	2.05	1.5494	1215.7	2.04	1.5487	1215.5
430	2.10	1.5576	1222.3	2.09	1.5570	I 222.I	2.08	1.5564	1222.0	2.07	1.5558	1221.8
440	2.13	1.5645	1228.5	2.12	1.5639	1228.3	2.11	1.5633	1228.2	2.10	1.5627	1228.0
<b>450</b>	2.17	1.5712	1234.6	2.16	1.5706	1234.4	2.15	1.5700	1234.3	2.14	1.5694	1234.1
470	2.23	1.5842	1246.5	2.19	1.5772	1240.4	2.10	1.5831	1246.2	2.20	1.5825	1246.1
480	2.26	1.5905	1252.4	2.25	1.5899	1252.3	2.24	1.5894	1252.1	2.23	1.5888	1251.9
490	2.30	1.5967	1258.2	2.29	1.5961	1258.1	2.28	1.5955	1257.9	2.27	1.5950	1257.8
500	2.33	1.6028	1264.0	2.32	1.6022	1263.9	2.31	1.6016	1263.7	2.30	1.6010	1263.6
510	2.36	1.6087	1269.7	2.35	1.6081	1269.6	2.34	1.6075	1269.5	2.33	1.6070	1269.3
520	2.39	1.6145	1275.4	2.38	1.6139	1275.3	2.37	1.6134	1275.1	2.36	1.6128	1275.0
530	2.42	1.6202	1281.6	2.41	1.6196	1280.9	2.40	1.6191	1286.4	2.39	1.6242	1280.7
540	2.43	1.0250	1200.0	2.44	1.0253	1200.5	2.43	1.0247	1200.4	2.42	1.0242	1200.3
550	2.48	1.6314	1292.2	2.47	1.6308	1292.1	2.46	1.6303	1292.0	2.45	1.6297	1291.9
560	2.51	1.6368	1297.7	2.50	1.6363	1297.6	2.49	1.6357	1297.5	2.48	1.6352	1297.4
570	2.54	1.6422	1303.2	2.53	1.6416	1303.1	2.52	1.6411	1303.0	2.51	1.6405	1302.9
580	2.57	1.6475	1308.6	2.56	1.6469	1308.6	2.55	1.6464	1308.5	2.54	1.6458	1308.4
590	2.60	1.6527	1314.1	2.59	1.6521	1314.0	2.58	1.6516	1313.9	2.57	1.6510	1313.8
600	2.63	1.6578	1319.5	2.62	1.6573	1319.4	2.61	1.6567	1319.3	2.60	1.6562	1319.2
650	2.77	1.6825	1346.3	2.76	1.6820	1346.2	2.75	1.6815	1346.1	2.74	1.6809	1346.0
700	2.91	1.7058	1372.7	2.90	1.7053	1372.6	2.89	1.7047	1372.5	2.88	1.7042	1372.5
750	3.05	1.7279	1398.9	3.04	1.7274	1398.8	3.03	1.7269	1398.8	3.01	1.7264	1398.7
800	3.19	1.7490	1424.9	3.17	1.7485	1424.9	3.16	1.7480	1424.9	3.15	1.7475	1424.8
				1	I	l .	1		1		I	
							1			1		
		<b>237</b> [396.4]			<b>238</b> [396.8]			239 [397.1]			<b>240</b> [397.5]	
Sat.	1.95		1200.2	1.94	[396.8]	1200.2	1.93		1200.2	1.92		1200.3
		[396.4]	1200.2	1.94		1200.2	1.93	[397.1]	1200.2	1.92	[397.5]	1200.3
400	1.96	[396.4] 1.5306 1.5333	1202.5	1.95	[396.8] 1.5302 1.5327	1202.3	1.94	[397.1] 1.5299 1.5320	1202.2	1.93	[397.5] 1.5295 1.5314	1202.0
400 410	1.96	[396.4] 1.5306 1.5333 1.5408	1202.5	1.95	[396.8] 1.5302 1.5327 1.5402	1202.3	1.94	[397.1] 1.5299 1.5320 1.5395	1202.2	1.93	[397.5] 1.5295 1.5314 1.5389	1202.0
400 410 420	1.96 1.99 2.03	[396.4] 1.5306 1.5333 1.5408 1.5481	1202.5 1209.0 1215.4	1.95 1.98 2.02	[396.8] 1.5302 1.5327 1.5402 1.5474	1202.3 1208.8 1215.2	1.94 1.97 2.01	[397.1] 1.5299 1.5320 1.5395 1.5468	1202.2 1208.6 1215.0	1.93 1.96 2.00	[397.5] 1.5295 1.5314 1.5389 1.5462	1202.0 1208.4 1214.8
400 410 420 430	1.96 1.99 2.03 2.06	[396.4] 1.5306 1.5333 1.5408 1.5481 1.5552	1202.5 1209.0 1215.4 1221.6	1.95 1.98 2.02 2.05	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545	1202.3 1208.8 1215.2 1221.5	1.94 1.97 2.01 2.04	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539	1202.2 1208.6 1215.0 1221.3	1.93 1.96 2.00 2.03	[397.5] 1.5295 1.5314 1.5389 1.5462 1.5533	1202.0 1208.4 1214.8 1221.1
400 410 420	1.96 1.99 2.03	[396.4] 1.5306 1.5333 1.5408 1.5481	1202.5 1209.0 1215.4	1.95 1.98 2.02	[396.8] 1.5302 1.5327 1.5402 1.5474	1202.3 1208.8 1215.2	1.94 1.97 2.01	[397.1] 1.5299 1.5320 1.5395 1.5468	1202.2 1208.6 1215.0	1.93 1.96 2.00	[397.5] 1.5295 1.5314 1.5389 1.5462	1202.0 1208.4 1214.8
400 410 420 430 440 450	1.96 1.99 2.03 2.06 2.09	[396.4] 1.5306 1.5333 1.5408 1.5481 1.5552 1.5621 1.5688	1202.5 1209.0 1215.4 1221.6 1227.8	1.95 1.98 2.02 2.05 2.08	[396.8]  1.5302  1.5327  1.5402  1.5474  1.5545  1.5614  1.5682	1202.3 1208.8 1215.2 1221.5 1227.7	1.94 1.97 2.01 2.04	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608	1202.2 1208.6 1215.0 1221.3 1227.5	1.93 1.96 2.00 2.03 2.07	[397.5] 1.5295 1.5314 1.5389 1.5462 1.5533 1.5602	1202.0 1208.4 1214.8 1221.1 1227.3
400 410 420 430 440 450 460	1.96 1.99 2.03 2.06 2.09	[396.4] 1.5306 1.5333 1.5408 1.5481 1.5552 1.5621 1.5688 1.5754	1202.5 1209.0 1215.4 1221.6 1227.8	1.95 1.98 2.02 2.05 2.08	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748	1202.3 1208.8 1215.2 1221.5 1227.7	1.94 1.97 2.01 2.04 2.07	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742	1202.2 1208.6 1215.0 1221.3 1227.5	1.93 1.96 2.00 2.03 2.07	[397.5] 1.5295 1.5314 1.5389 1.5462 1.5533 1.5602 1.5670 1.5736	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5
400 410 420 430 440 450 460 470	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19	[396.4] 1.5306 1.5333 1.5408 1.5481 1.5552 1.5621 1.5688 1.5754 1.5819	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5813	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742 1.5807	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16	[397.5] 1.5295 1.5314 1.5389 1.5462 1.5533 1.5602 1.5670 1.5736 1.5801	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5
400 410 420 430 440 450 460 470 480	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19	[396.4] 1.5306 1.5333 1.5408 1.5481 1.5552 1.5621 1.5688 1.5754 1.5819 1.5882	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5876	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742 1.5807 1.5870	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19	[397.5] 1.5295 1.5314 1.5389 1.5462 1.5533 1.5602 1.5670 1.5736 1.5801 1.5864	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5 1251.4
400 410 420 430 440 450 460 470 480 490	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19	[396.4] 1.5306 1.5333 1.5408 1.5481 1.5552 1.5621 1.5688 1.5754 1.5819	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5813	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742 1.5807	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602 1.5670 1.5736 1.5801 1.5864 1.5926	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5 1251.4 1257.3
400 410 420 430 440 450 460 470 480	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19	[396.4] 1.5306 1.5333 1.5408 1.5481 1.5552 1.5621 1.5688 1.5754 1.5819 1.5882	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5876	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742 1.5807 1.5870	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602 1.5670 1.5736 1.5801 1.5864 1.5926	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5 1251.4 1257.3
400 410 420 430 440 450 460 470 480 490	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5628 1.5754 1.5819 1.5882 1.5944 1.6004 1.6064	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5682 1.5748 1.5876 1.5938	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7 1257.5	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742 1.5807 1.5870 1.5932	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19	[397.5] 1.5295 1.5314 1.5389 1.5462 1.5533 1.5602 1.5670 1.5736 1.5864 1.5926 1.5987 1.6047	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5 1251.4 1257.3
400 410 420 430 440 450 460 470 480 490 510 520	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621  1.5688 1.5754 1.5819 1.5882 1.5944 1.6004 1.6064 1.6122	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34	[396.8] 1.5302 1.5327 1.5402 1.5547 1.5545 1.5614 1.5682 1.5748 1.5876 1.5938 1.5999 1.6058 1.6117	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7 1257.5	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742 1.5807 1.5870 1.5932 1.5933 1.6052 1.6111	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5670 1.5736 1.5801 1.5804 1.5926  1.5987 1.6047	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5 1251.4 1257.3
400 410 420 430 440 450 470 480 490 500 510 520 530	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621  1.5688 1.5754 1.5819 1.5882 1.5944 1.6004 1.6064 1.6062 1.61622 1.6180	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1245.9 1245.9 1257.7 1263.5 1269.2 1274.9 1280.6	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5876 1.5938 1.5938 1.5999 1.6058 1.6174	1202.3 1208.8 1215.2 1221.5 1221.5 1227.7 1233.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33 2.36	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5807 1.5993 1.6052 1.6111 1.6168	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1257.4 1263.2 1264.0 1274.7 1280.3	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.23 2.26 2.29 2.32 2.35	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5736 1.5861 1.5864 1.5926  1.5987 1.6055 1.6165	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5 1251.4 1257.3 1268.8 1274.5 1280.2
400 410 420 430 440 450 460 470 480 490 510 520 530 540	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5628 1.5754 1.5819 1.5882 1.5944 1.6004 1.6122 1.6180 1.6236	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37 2.40	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5628 1.5878 1.5878 1.5899 1.6058 1.6117 1.6174 1.6231	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7 1257.5	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5668 1.55742 1.5807 1.5870 1.5932 1.6052 1.6111 1.6168 1.6225	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1286.0	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32 2.35	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602 1.5736 1.5801 1.5864 1.5926  1.5926 1.6047 1.6105 1.6163 1.6220	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1268.8 1274.5 1280.2 1285.9
400 410 420 430 440 450 460 470 480 490 510 520 530 540	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5628 1.5784 1.5819 1.5882 1.5944 1.6004 1.6064 1.6122 1.6180 1.6236	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37 2.40	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5876 1.5938 1.5979 1.6058 1.6177 1.6174 1.6231	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1286.1	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39	[397.1] 1.5299 1.5320 1.5395 1.5468 1.5539 1.5608 1.5676 1.5742 1.5807 1.5807 1.5932 1.6052 1.6111 1.6168 1.6225	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1286.0	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32 2.35 2.38	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5736 1.5801 1.5864 1.5926  1.5987 1.6047 1.6105 1.6163 1.6220 1.6275	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1268.8 1274.5 1280.2 1285.9
400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 560	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.35 2.38 2.41 2.44 2.47	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621  1.5688 1.5754 1.5810 1.5810 1.6004 1.6004 1.6122 1.6180 1.6236  1.6292 1.6346	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37 2.40	[396.8] 1.5302 1.5327 1.5402 1.5545 1.5614 1.5682 1.5748 1.5876 1.5938 1.5999 1.6058 1.6177 1.6174 1.6231 1.6286 1.6341	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1286.1	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5973 1.6052 1.6111 1.6168 1.6225 1.6280 1.6335	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1286.0	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32 2.35 2.38	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5864 1.5864 1.5986 1.5987 1.6105 1.6105 1.6163 1.6220  1.6275 1.6330	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1239.5 1245.5 1251.4 1257.3 1268.8 1274.5 1280.2 1285.9
400 410 420 430 440 450 460 470 480 500 510 520 530 540 560 570	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621  1.5688 1.5754 1.5819 1.5882 1.5944 1.6004 1.6122 1.6180 1.6236	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37 2.40	[396.8]  1.5302  1.5327  1.5402  1.5474  1.5545  1.5614  1.5682  1.5748  1.5876  1.5938  1.5939  1.6028  1.6174  1.6231  1.6286  1.6341  1.6394	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1286.1	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.48	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5870 1.5932 1.6052 1.6111 1.6168 1.6225	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1257.4 1263.2 1263.2 1274.7 1280.3 1286.0	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.23 2.26 2.29 2.35 2.38 2.41 2.44 2.46	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5736 1.5864 1.5987 1.6047 1.6105 1.6103 1.6220  1.6275 1.6330 1.6384	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1263.1 1268.8 1274.5 1280.2 1285.9
400 410 420 430 4440 450 460 470 480 490 510 5520 5530 540 <b>550</b> 550 550 550 550 550 550 550	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50 2.53	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621 1.5688 1.5754 1.5819 1.5882 1.5944 1.6004 1.6122 1.6136 1.6292 1.6346 1.6490 1.6453	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.34 2.34 2.37 2.40 2.43 2.46 2.49 2.52	[396.8]  1.5302  1.5327  1.5402  1.5474  1.5545  1.5614  1.5823  1.5876  1.5938  1.5999  1.6058  1.6117  1.6231  1.6286  1.6341  1.6394  1.6447	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1280.5 1291.6 1297.2 1302.7 1308.2	1.94 1.97 2.01 2.04 2.07 2.11 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.48 2.50	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5870 1.5932  1.6932 1.6151 1.6168 1.6225 1.6280 1.6335 1.6389 1.6442	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1286.0 1291.5 1291.5 1292.6 1308.1	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32 2.35 2.35 2.38 2.41 2.44 2.46 2.49	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5736 1.5861 1.5864 1.5926  1.5926  1.6047 1.6163 1.6220 1.6275 1.6330 1.6384 1.6437	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1268.8 1274.5 1280.2 1285.9 1291.4 1297.0 1302.5 1308.0
400 410 420 430 440 450 460 470 480 500 510 520 530 540 560 570	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621  1.5688 1.5754 1.5819 1.5882 1.5944 1.6004 1.6122 1.6180 1.6236	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37 2.40	[396.8]  1.5302  1.5327  1.5402  1.5474  1.5545  1.5614  1.5682  1.5748  1.5876  1.5938  1.5939  1.6028  1.6174  1.6231  1.6286  1.6341  1.6394	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1286.1	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.48	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5870 1.5932 1.6052 1.6111 1.6168 1.6225	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1257.4 1263.2 1263.2 1274.7 1280.3 1286.0	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.23 2.26 2.29 2.35 2.38 2.41 2.44 2.46	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5736 1.5864 1.5987 1.6047 1.6105 1.6103 1.6220  1.6275 1.6330 1.6384	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1263.1 1268.8 1274.5 1280.2 1285.9
400 410 420 430 4440 450 460 470 480 490 510 5520 5530 540 <b>550</b> 550 550 550 550 550 550 550	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50 2.53	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621 1.5688 1.5754 1.5819 1.5882 1.5944 1.6004 1.6122 1.6136 1.6292 1.6346 1.6490 1.6453	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37 2.40 2.49 2.52 2.54	[396.8]  1.5302  1.5327 1.5402 1.5545 1.5614  1.5682 1.5748 1.5818 1.5876 1.5938  1.5999 1.6058 1.6177 1.6174 1.6231  1.6286 1.6341 1.6394 1.6447 1.6500	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1286.1 1291.6 1297.2 1302.7 1308.2 1313.6	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.48 2.50 2.53	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5870 1.5932  1.6932 1.6151 1.6168 1.6225 1.6280 1.6335 1.6389 1.6442	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1286.0 1291.5 1291.5 1292.6 1308.1	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.46 2.49 2.52	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5736 1.5861 1.5864 1.5926  1.5926  1.6047 1.6163 1.6220 1.6275 1.6330 1.6384 1.6437	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1268.8 1274.5 1280.2 1285.9 1291.4 1297.0 1302.5 1308.0
400 410 420 430 440 450 460 470 480 490 510 520 530 540 550 560 570 580 590	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50 2.53 2.56	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5621  1.5688 1.5754 1.5819 1.5882 1.5944 1.6004 1.6122 1.6180 1.6236 1.6292 1.6346 1.6400 1.6453 1.6505	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2 1291.8 1297.3 1302.8 1308.3 1313.7	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.34 2.34 2.37 2.40 2.43 2.46 2.49 2.52	[396.8]  1.5302  1.5327  1.5402  1.5474  1.5545  1.5614  1.5823  1.5876  1.5938  1.5999  1.6058  1.6117  1.6231  1.6286  1.6341  1.6394  1.6447	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1280.5 1291.6 1297.2 1302.7 1308.2	1.94 1.97 2.01 2.04 2.07 2.11 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.48 2.50	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5973 1.6052 1.6111 1.6168 1.6225 1.6280 1.6335 1.6389 1.6442 1.6495	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1269.0 1274.7 1280.3 1286.0 1291.5 1297.1 1302.6 13081.1	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32 2.35 2.35 2.38 2.41 2.44 2.46 2.49	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5670 1.5736 1.5801 1.5804 1.5926  1.5987 1.6045 1.6105 1.6105 1.6220 1.6275 1.6330 1.6384 1.6437 1.6489	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1268.8 1274.5 1280.2 1285.9 1291.4 1297.0 1302.5 1308.0 1313.5
400 410 420 430 440 450 460 470 480 510 520 530 540 560 560 650 700	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50 2.53 2.56 2.59 2.73 2.87	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5628 1.5754 1.6804 1.6004 1.6122 1.6180 1.6236  1.6236 1.6400 1.6453 1.6505	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1286.2 1291.8 1297.3 1302.8 1303.8 1313.7	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.31 2.34 2.37 2.40 2.43 2.49 2.52 2.54 2.57 2.71 2.85	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5876 1.5938 1.6177 1.6174 1.6231 1.6286 1.6341 1.64341 1.6437 1.6500 1.6551 1.6799 1.7032	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1286.5 1286.1 1291.6 1297.2 1302.7 1308.2 1313.6	1.94 1.97 2.01 2.04 2.07 2.11 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.45 2.50 2.53 2.56 2.70 2.84	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5676 1.5742 1.5870 1.5932  1.6052 1.6111 1.6168 1.6225 1.6335 1.6335 1.64695 1.6495	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1291.5 1297.1 1302.6 1303.8 1313.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.35 2.38 2.41 2.44 2.46 2.49 2.52 2.55 2.69 2.83	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602 1.5736 1.5864 1.5926  1.5987 1.6047 1.6163 1.6220 1.6220 1.6275 1.6330 1.6437 1.6489 1.6541 1.6789 1.7022	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1263.1 1268.8 1274.5 1280.2 1285.9 1291.4 1297.0 1302.5 1308.0 1313.5
400 410 420 430 440 450 450 460 470 480 490 510 520 530 540 570 580 570 600 600 670 750	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50 2.53 2.56 2.59 2.73 2.87 3.00	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5628 1.5784 1.5819 1.5882 1.5944 1.6004 1.6122 1.6180 1.6236 1.6236 1.6400 1.6453 1.6557 1.6804 1.7037 1.7259	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2 1291.8 1302.8 1308.3 1313.7 1319.2 1346.0 1372.4	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.28 2.31 2.34 2.37 2.40 2.43 2.46 2.49 2.52 2.54	[396.8]  1.5302  1.5327 1.5402 1.5474 1.5545 1.5614  1.5682 1.5748 1.5813 1.5876 1.5938  1.5999 1.6058 1.617 1.6174 1.6231 1.6231 1.6286 1.6341 1.6394 1.6447 1.6550 1.6551 1.6799 1.7032 1.7254	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1239.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1280.5 1291.6 1297.2 1302.7 1308.2 1313.6	1.94 1.97 2.01 2.04 2.07 2.11 2.14 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.45 2.50 2.53 2.50 2.53	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5608  1.5676 1.5742 1.5807 1.5807 1.5932  1.6052 1.6111 1.6168 1.6225 1.6280 1.6335 1.6389 1.6442 1.6494 1.6496	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1291.5 1302.6 1303.6 1313.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.46 2.49 2.52 2.55 2.69 2.83 2.96	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602  1.5736 1.5801 1.5864 1.5926  1.5987 1.6047 1.6105 1.6163 1.6220 1.6275 1.6330 1.6384 1.6439 1.6489 1.6541 1.6789 1.7022 1.7244	1202.0 1208.4 1214.8 1221.1 1227.3  1233.5 1245.5 1251.4 1257.3  1263.1 1268.8 1274.5 1280.2 1285.9  1291.4 1297.0 1302.5 1318.9 1345.8 1372.3 1398.5
400 410 420 430 440 450 460 470 480 510 520 530 540 560 560 650 700	1.96 1.99 2.03 2.06 2.09 2.13 2.16 2.19 2.22 2.26 2.29 2.32 2.35 2.38 2.41 2.44 2.47 2.50 2.53 2.56 2.59 2.73 2.87	[396.4]  1.5306  1.5333 1.5408 1.5481 1.5552 1.5628 1.5754 1.6804 1.6004 1.6122 1.6180 1.6236  1.6236 1.6400 1.6453 1.6505	1202.5 1209.0 1215.4 1221.6 1227.8 1233.9 1240.0 1245.9 1251.8 1257.7 1263.5 1269.2 1274.9 1280.6 1286.2 1291.8 1302.8 1308.3 1313.7 1319.2 1346.0 1372.4	1.95 1.98 2.02 2.05 2.08 2.12 2.15 2.18 2.21 2.25 2.31 2.34 2.37 2.40 2.43 2.49 2.52 2.54 2.57 2.71 2.85	[396.8] 1.5302 1.5327 1.5402 1.5474 1.5545 1.5614 1.5682 1.5748 1.5876 1.5938 1.6177 1.6174 1.6231 1.6286 1.6341 1.64341 1.6437 1.6500 1.6551 1.6799 1.7032	1202.3 1208.8 1215.2 1221.5 1227.7 1233.8 1245.8 1251.7 1257.5 1263.3 1269.1 1274.8 1286.5 1286.1 1291.6 1297.2 1302.7 1308.2 1313.6	1.94 1.97 2.01 2.04 2.07 2.11 2.17 2.20 2.24 2.27 2.30 2.33 2.36 2.39 2.42 2.45 2.45 2.50 2.53 2.56 2.70 2.84	[397.1]  1.5299  1.5320 1.5395 1.5468 1.5539 1.5676 1.5742 1.5870 1.5932  1.6052 1.6111 1.6168 1.6225 1.6335 1.6335 1.64695 1.6495	1202.2 1208.6 1215.0 1221.3 1227.5 1233.6 1239.7 1245.6 1251.6 1257.4 1263.2 1269.0 1274.7 1280.3 1291.5 1297.1 1302.6 1303.8 1313.6	1.93 1.96 2.00 2.03 2.07 2.10 2.13 2.16 2.19 2.23 2.35 2.38 2.41 2.44 2.46 2.49 2.52 2.55 2.69 2.83	[397.5]  1.5295  1.5314 1.5389 1.5462 1.5533 1.5602 1.5736 1.5864 1.5926  1.5987 1.6047 1.6163 1.6220 1.6220 1.6275 1.6330 1.6437 1.6489 1.6541 1.6789 1.7022	1202.0 1208.4 1214.8 1221.1 1227.3 1233.5 1245.5 1251.4 1257.3 1263.1 1268.8 1274.5 1280.2 1285.9 1291.4 1297.0 1302.5 1308.0 1313.5

Pres		<b>241</b> [397.9]			242 [398.2]			243 [398.6]			<b>244</b> [398.9]	
Tem ° F.	v	s	i	v	s	i	V	s	i	V	s	i
Sat	1.91	1.5291	1200.3	1.91	1.5288	1200.4	1.90	1.5284	1200.4	1.89	1.5280	1200.4
400	1.92	1.5307	1201.8	1.91	1.5301	1201.6	1.90	1.5294	1201.4	1.89	1.5288	1201.2
410	1.96	1.5382	1208.3	1.95	1.5376	1208.1	1.94	1.5370	1207.9	1.93	1.5364	1207.7
420	1.99	1.5456	1214.7	1.98	1.5449	1214.5	1.97	1.5443	1214.3	1.96	1.5437	1214.1
430	2.02	1.5527	1221.0	2.01	1.5521	1220.8	2.00	1.5514	1220.6	1.99	1.5508	1220.4
440	2.06	1.5596	1227.2	2.05	1.5590	1227.0	2.04	1.5584	1226.8	2.03	1.5578	1226.7
450	2.09	1.5664	1233.3	2.08	1.5658	1233.1	2.07	1.5652	1233.0	2.06	1.5646	1232.8
460	2.12	1.5730	1239.4	2.11	1.5724	1239.2	2.10	1.5719	1239.1	2.09	1.5713	1238.9
470	2.15	1.5795	1245.4	2.14	1.5789	1245.2	2.13	1.5784	1245.1	2.12	1.5778	1244.9
480	2.18	1.5859	1251.3	2.17	1.5853	1251.1	2.16	1.5847	1251.0	2.15	1.5841	1250.9
490	2.22	1.5921	1257.2	2.21	1.5915	1257.0	2.20	1.5909	1256.9	2.19	1.5904	1256.8
500	2.25	1.5982	1263.0	2.24	1.5976	1262.8	2.23	1.5970	1262.7	2.22	1.5965	1262.6
510	2.28	1.6041	1268.7	2.27	1.6035	1268.6	2.26	1.6030	1268.5	2.25	1.6024	1268.4
520	2.31	1.6099	1274.4	2.30	1.6094	1274.3	2.29	1.6089	1274.2	2.28	1.6083	1274.1
530	2.34	1.6157	1280.1	2.33	1.6152	1280.0	2.32	1.6146	1279.9	2.31	1.6141	1279.8
540	2.37	1.6214	1285.7	2.36	1.6209	1285.6	2.35	1.6203	1285.5	2.34	1.6198	1285.4
550	2.40	1.6269	1291.3	2.39	1.6264	1291.2	2.38	1.6259	1291.1	2.37	1.6254	1291.0
560	2.42	1.6324	1296.9	2.41	1.6319	1296.8	2.40	1.6314	1296.7	2.39	1.6308	1296.5
570	2.45	1.6378	1302.4	2.44	1.6373	1302.3	2.43	1.6368	1302.2	2.42	1.6362	1302.1
580	2.48	1.6431	1307.9	2.47	1.6426	1307.8	2.46	1.6421	1307.7	2.45	1.6416	1307.6
590	2.51	1.6484	1313.4	2.50	1.6479	1313:3	2.49	1.6473	1313.2	2.48	1.6468	1313.1
600	2.54	1.6535	1318.8	2.53	1.6530	1318.7	2.52	1.6525	1318.7	2.51	1.6520	1318.6
650	2.68	1.6784	1345.7	2.67	1.6779	1345.6	2.66	1.6773	1345.6	2.65	1.6768	1345.5
700	2.81	1.7017	1372.2	2.80	1.7012	1372.1	2.79	1.7007	1372.1	2.78	1.7002	1372.0
750	2.95	1.7239	1398.5	2.94	1.7234	1398.4	2.92	1.7229	1398.4	. 2.91	1.7224	1398.3
800	3.08	1.7451	1424.6	3.07	1.7446	1424.6	3.05	1.7441	1424.5	3.04	1.7436	1424.5
		245			246		_	247		3.04	248	1424.5
800	3.08	245 [399-3]	1424.6	3.07	246 [399.7]	1424.6	3.05	247 [400.0]	1424.5		248 [400.4]	
		245			246		_	247		1.86	248	1424.5
800	3.08	245 [399-3]	1424.6	3.07	246 [399.7]	1424.6	3.05	247 [400.0]	1424.5		248 [400.4]	
Sat.	1.88	245 [399-3]	1424.6	1.88	246 [399·7]	1424.6	3.05	247 [400.0] 1.5269	1424.5	1.86 1.89 1.93	248 [400.4] 1.5266 1.5338 1.5412	1200.6
Sat. 410 420 430	1.88 1.92 1.95 1.99	245 [399.3] 1.5276 1.5357 1.5430 1.5502	1200.5 1207.5 1213.9 1220.2	1.88 1.91 1.94 1.98	246 [399.7] 1.5273 1.5351 1.5424 1.5496	1200.5 1207.3 1213.7 1220.1	1.87 1.90 1.94 1.97	247 [400.0] 1.5269 1.5344 1.5418 1.5490	1424.5 1200.5 1207.1 1213.6 1219.9	1.86 1.89 1.93 1.96	248 [400.4] 1.5266 1.5338 1.5412 1.5484	1200.6 1206.9 1213.4 1219.7
Sat. 410 420	1.88 1.92 1.95	245 [399.3] 1.5276 1.5357 1.5430	1200.5 1207.5 1213.9	1.88 1.91 1.94	246 [399.7] 1.5273 1.5351 1.5424	1424.6 1200.5 1207.3 1213.7	1.87 1.90 1.94	247 [400.0] 1.5269 1.5344 1.5418	1424.5 1200.5 1207.1 1213.6	1.86 1.89 1.93	248 [400.4] 1.5266 1.5338 1.5412	1200.6 1206.9 1213.4
Sat. 410 420 430	1.88 1.92 1.95 1.99	245 [399.3] 1.5276 1.5357 1.5430 1.5502	1200.5 1207.5 1213.9 1220.2	1.88 1.91 1.94 1.98	246 [399.7] 1.5273 1.5351 1.5424 1.5496	1200.5 1207.3 1213.7 1220.1	1.87 1.90 1.94 1.97	247 [400.0] 1.5269 1.5344 1.5418 1.5490	1424.5 1200.5 1207.1 1213.6 1219.9 1226.2	1.86 1.89 1.93 1.96	248 [400.4] 1.5266 1.5338 1.5412 1.5484	1200.6 1206.9 1213.4 1219.7
Sat. 410 420 430 440	1.88 1.92 1.95 1.99 2.02	245 [399·3] 1.5276 1.5357 1.5430 1.5502 1.5572	1200.5 1207.5 1213.9 1220.2 1226.5	1.88 1.91 1.94 1.98 2.01	246 [399·7] 1.5273 1.5351 1.5424 1.5496 1.5566	1200.5 1207.3 1213.7 1220.1 1226.3	1.87 1.90 1.94 1.97 2.00	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560	1424.5 1200.5 1207.1 1213.6 1219.9	1.86 1.89 1.93 1.96 1.99	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689	1200.6 1206.9 1213.4 1219.7 1226.0
Sat. 410 420 430 440 450 460 470	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11	1.7451 245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5707 1.5772	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8	1.88 1.91 1.94 1.98 2.01 2.04	1.7446 246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5634 1.5701 1.5766	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5695 1.5760	1424.5 1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5	1.86 1.89 1.93 1.96 1.99	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3
Sat. 410 420 430 440 450 460 470 480	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15	245 [399-3] 1.5276 1.5357 1.5502 1.5572 1.5640 1.5707 1.5772 1.5836	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14	246 [399.7] 1.5273 1.5351 1.5424 1.5566 1.5634 1.5701 1.5766 1.5766 1.5830	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1234.6 1250.6	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13	247 [400.0] 1.5269 1.5344 1.5490 1.5560 1.5628 1.5695 1.5760 1.5824	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3
Sat. 410 420 430 440 450 460 470	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11	1.7451 245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5707 1.5772	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10	1.7446 246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5634 1.5701 1.5766	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5695 1.5760	1424.5 1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3
Sat. 410 420 430 440 450 460 470 480	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15	245 [399-3] 1.5276 1.5357 1.5502 1.5572 1.5640 1.5707 1.5772 1.5836	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5766 1.5766 1.57830 1.5892	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1234.6 1250.6	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13	247 [400.0] 1.5269 1.5344 1.5490 1.5560 1.5628 1.5695 1.5760 1.5824	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3
Sat. 410 420 430 440 450 460 470 480 490	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15 2.18	245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5707 1.5772 1.5836 1.5898	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17	246 [399.7] 1.5273 1.5351 1.5424 1.5566 1.5634 1.5701 1.5766 1.5766 1.5830	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1256.5	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16	247 [400.0] I.5269 I.5344 I.5418 I.5490 I.5560 I.5628 I.5695 I.5760 I.5824 I.5887	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1256.3	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818 1.5818	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1256.2
Sat.  410 420 430 440 450 470 480 490 510	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15 2.18 2.21 2.24	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5898 1.5959 1.6019	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5701 1.5766 1.5830 1.5892 1.5953 1.6013	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1256.5	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5695 1.5760 1.5824 1.5887	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1256.3 1262.2 1268.0	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5689 1.5754 1.5818 1.5881 1.5942 1.6002	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1256.2
Sat. 410 420 430 440 450 470 480 490 510 520	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15 2.18	245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5707 1.5772 1.5836 1.5898	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6 1262.5 1268.2	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5634 1.5701 1.5766 1.5830 1.5892	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1256.5	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5760 1.5824 1.5887 1.5948 1.6008	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1256.3 1262.2 1268.0	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818 1.5881 1.5942	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1256.2
Sat.  410 420 430 440 450 470 480 490 510	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15 2.18 2.21 2.24 2.27	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5898 1.5959 1.6019 1.6078	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17	246 [399-7] 1.5273 1.5351 1.5424 1.5496 1.5664 1.5701 1.5766 1.5830 1.5892 1.5953 1.6073 1.6072	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1256.5 1262.3 1268.1 1273.9	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5760 1.5824 1.5887 1.5948 1.6008 1.6008	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1256.3 1262.2 1268.0 1273.7	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5881 1.5881 1.5942 1.6002 1.6061	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1250.3 1256.2 1262.1 1267.9 1273.6
Sat. 410 420 430 440 450 460 470 480 490 500 520 530	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15 2.18 2.21 2.24 2.27 2.30 2.33	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5898 1.6959 1.6078 1.6192	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1262.5 1262.5 1262.5 1274.0 1279.7 1285.3	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5701 1.5766 1.5830 1.5892 1.5953 1.6013 1.6072 1.6130 1.6187	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1256.5 1262.3 1268.1 1273.9 1279.6 1285.2	3.05  1.87  1.90 1.94 1.97 2.00  2.03 2.06 2.10 2.13 2.16  2.19 2.22 2.25 2.28 2.31	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5760 1.5824 1.5887 1.5948 1.6008 1.6067 1.6125	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1250.4 1262.2 1268.0 1273.7 1279.4 1285.1	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5689 1.5754 1.5818 1.5881 1.5942 1.6002 1.6001 1.6119 1.6176	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1256.2 1262.1 1267.9 1273.6 1279.3 1285.0
Sat. 410 420 430 440 450 450 510 520 530 540	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15 2.18 2.21 2.24 2.27 2.30 2.33 2.36	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5772 1.5836 1.5898 1.6019 1.6019 1.6135 1.6192	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6 1262.5 1268.2 1274.0 1279.7 1285.3	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5766 1.5766 1.5830 1.5892 1.5953 1.6013 1.6072 1.6130 1.6187	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1250.6 1262.3 1268.1 1273.9 1279.6 1285.2	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16 2.19 2.22 2.25 2.28 2.31	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5762 1.57824 1.5887 1.5948 1.6008 1.6067 1.6125 1.6182	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1250.4 1262.2 1268.0 1273.7 1279.4 1285.1	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5689 1.5754 1.5818 1.5881 1.5942 1.6002 1.6061 1.6119 1.6176	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1262.1 1267.9 1273.6 1279.3 1285.0
Sat. 410 420 430 440 450 450 510 520 530 540	3.08  1.88  1.92 1.95 1.99 2.02  2.05 2.08 2.11 2.15 2.18  2.21 2.24 2.27 2.30 2.33  2.36 2.38	245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5836 1.5898 1.6019 1.6078 1.6192 1.6248 1.6303	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1250.7 1268.2 1274.0 1279.7 1285.3	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32 2.35 2.37	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5761 1.5766 1.5830 1.5892 1.6013 1.6072 1.6130 1.6187	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1250.6 1250.6 1250.6 1262.3 1273.9 1279.6 1285.2	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16 2.19 2.22 2.25 2.28 2.31 2.34 2.36	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5760 1.5827 1.5887 1.6008 1.6067 1.6125 1.6182 1.6238 1.6238	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1256.3 1262.2 1268.0 1273.7 1279.4 1285.1	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30 2.33 2.35	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5881 1.5942 1.6002 1.6019 1.6176 1.6232 1.6287	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1250.3 1256.2 1262.1 1267.9 1273.6 1279.3 1285.0
Sat. 410 420 430 440 450 450 510 520 530 540	1.88 1.92 1.95 1.99 2.02 2.05 2.08 2.11 2.15 2.18 2.21 2.24 2.27 2.30 2.33 2.36	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5772 1.5836 1.5898 1.6019 1.6019 1.6135 1.6192	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6 1262.5 1262.5 1274.0 1274.0 1279.0 1290.9 1296.5 1302.0	1.88  1.91 1.94 1.98 2.01  2.04 2.07 2.10 2.14 2.17  2.20 2.23 2.26 2.29 2.32  2.35 2.40	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5766 1.5766 1.5830 1.5892 1.5953 1.6013 1.6072 1.6130 1.6187	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1250.6 1262.3 1268.1 1273.9 1279.6 1285.2	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16 2.19 2.22 2.25 2.28 2.31	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5762 1.57824 1.5887 1.5948 1.6008 1.6067 1.6125 1.6182	1424.5 1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1256.3 1262.2 1262.2 1263.0 1273.7 1290.7 1296.3 1301.8	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5689 1.5754 1.5818 1.5881 1.5942 1.6002 1.6061 1.6119 1.6176	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1262.1 1267.9 1273.6 1279.3 1285.0
Sat. 410 420 430 440 450 450 510 520 530 540 550 550 570	3.08  1.88  1.92 1.95 1.99 2.02  2.05 2.08 2.11 2.15 2.18  2.21 2.24 2.27 2.30 2.33 2.36 2.38 2.41	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5777 1.5836 1.5898 1.6019 1.6078 1.6135 1.6192	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1250.7 1268.2 1274.0 1279.7 1285.3	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32 2.35 2.37	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5766 1.57830 1.5791 1.5796 1.5892 1.6073 1.6073 1.6187	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1256.5 1268.1 1273.9 1279.6 1285.2 1290.8 1296.4 1301.9	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16 2.19 2.22 2.25 2.28 2.31 2.34 2.36	247 [400.0] I.5269 I.5344 I.5418 I.5490 I.5560 I.5628 I.5695 I.5760 I.5824 I.6008 I.6008 I.6067 I.6125 I.6182	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1256.3 1262.2 1268.0 1273.7 1279.4 1285.1	1.86  1.89 1.93 1.96 1.99  2.02 2.06 2.09 2.12 2.15  2.18 2.21 2.24 2.27 2.30	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818 1.5942 1.6002 1.6002 1.6019 1.6176 1.6232 1.6232 1.6237 1.6341	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1256.2 1262.1 1267.9 1273.6 1279.3 1285.0 1290.6 1296.2 1301.7
Sat. 410 420 430 440 450 450 510 520 530 550 550 5570 580	3.08  1.88  1.92 1.95 1.99 2.02  2.05 2.08 2.11 2.15 2.18  2.21 2.24 2.27 2.30 2.33  2.36 2.38 2.41 2.44 2.47	245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5836 1.5898 1.6959 1.6019 1.6078 1.6192 1.6248 1.6303 1.6357 1.6440 1.6463	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1250.7 1268.2 1274.0 1279.7 1285.3 1290.9 1296.5 1302.0 1307.5 1313.0	1.88 1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32 2.35 2.37 2.40 2.43 2.46	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5761 1.5766 1.5830 1.5892 1.6013 1.6072 1.6130 1.6187 1.6243 1.6298 1.6352 1.6405 1.6458	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1250.6 1250.6 1250.6 1268.1 1273.9 1279.6 1285.2 1290.8 1290.4 1301.9 1307.5 1312.9	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16 2.19 2.22 2.25 2.28 2.31 2.34 2.36 2.39 2.42 2.45	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5628 1.5695 1.57624 1.5887 1.5948 1.60067 1.6125 1.6182 1.6238 1.6238 1.6238 1.6347 1.6400 1.6453	1424.5  1200.5  1207.1 1213.6 1219.9 1226.2  1232.4 1238.5 1250.4 1250.4 1256.3 1268.0 1273.7 1296.3 1301.8 1307.4 1312.8	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30 2.33 2.35 2.38 2.41	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5689 1.5754 1.5818 1.5881 1.5942 1.6002 1.6061 1.6119 1.6176 1.6232 1.6287 1.6341 1.6341 1.6341 1.6447	1200.6  1206.9  1213.4  1219.7  1226.0  1232.2  1238.3  1244.3  1256.2  1262.1  1267.9  1273.6  1279.3  1285.0  1290.6  1290.6  1301.7  1307.3  1312.8
\$at. 410 420 430 440 450 510 520 520 550 550 550 550 600	3.08  1.88  1.92 1.95 1.99 2.02  2.05 2.08 2.11 2.15 2.18  2.21 2.27 2.30 2.33 2.36 2.38 2.41 2.44 2.47 2.50	245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5777 1.5772 1.5836 1.5898 1.5959 1.6078 1.6078 1.6135 1.6192 1.6248 1.6303 1.6357 1.6440 1.6463 1.6463	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6 1262.5 1268.2 1279.7 1285.3 1290.9 1296.5 1307.5 1313.0 1318.5	1.88  1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32 2.35 2.40 2.43 2.46 2.49	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5766 1.5830 1.5830 1.6072 1.6130 1.6187 1.6243 1.6243 1.6252 1.6458 1.6458	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1250.6 1250.6 1250.6 1250.6 1273.9 1279.6 1285.2 1290.8 1290.4 1301.9 1307.5 1312.9 1318.4	1.87 1.90 1.94 1.97 2.00 2.03 2.06 2.10 2.13 2.16 2.19 2.22 2.25 2.28 2.31 2.34 2.36 2.39 2.42 2.45	247 [400.0] I.5269 I.5344 I.5418 I.5490 I.5560 I.5628 I.5695 I.5760 I.5824 I.6008 I.6008 I.6067 I.6125 I.6182 I.6238 I.6238 I.6247 I.64400 I.6453 I.6453	1424.5  1200.5  1207.1 1213.6 1219.9 1226.2  1232.4 1238.5 1256.3 1268.0 1273.7 1279.4 1285.1 1290.7 1296.3 1301.8 1307.4 1312.8	1.86  1.89 1.93 1.96 1.99  2.02 2.06 2.09 2.12 2.15  2.18 2.21 2.24 2.27 2.30  2.33 2.35 2.38 2.41 2.44	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818 1.5881 1.5942 1.6002 1.6061 1.6119 1.6176 1.6232 1.6287 1.6341 1.6395 1.6447 1.6499	1200.6  1206.9  1213.4  1219.7  1226.0  1232.2  1238.3  1244.3  1256.2  1262.1  1267.9  1273.6  1279.3  1285.0  1290.6  1301.7  1307.3  1312.8
Sat.  410 420 430 440 460 470 480 490 510 520 530 550 560 570 580 590 600 650	3.08  1.88  1.92 1.95 1.99 2.02  2.05 2.08 2.11 2.15 2.18  2.21 2.24 2.27 2.30 2.33 2.36 2.38 2.41 2.44 2.47 2.50 2.63	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5777 1.5836 1.5898 1.6019 1.6078 1.6135 1.6192 1.6248 1.6357 1.6440 1.6357 1.6440 1.6367 1.6463	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6 1262.5 1268.2 1279.7 1285.3 1290.9 1307.5 1302.0 1307.5 1313.0	1.88  1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32 2.35 2.37 2.40 2.43 2.46 2.49 2.62	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5766 1.5830 1.5953 1.6073 1.6073 1.6130 1.6187 1.6243 1.6243 1.6248 1.6352 1.6458 1.6458	1424.6  1200.5  1207.3 1213.7 1220.1 1226.3  1232.5 1238.6 1244.6 1250.6 1256.5  1262.3 1268.1 1279.6 1285.2  1290.8 1301.9 1307.5 1312.9	3.05  1.87  1.90 1.94 1.97 2.00  2.03 2.06 2.10 2.13 2.16  2.19 2.22 2.25 2.28 2.31  2.34 2.36 2.39 2.42 2.45 2.48 2.61	247 [400.0] I.5269 I.5344 I.5418 I.5490 I.5560 I.5628 I.5695 I.5760 I.5824 I.6008 I.6007 I.6125 I.6182 I.6238 I.6238 I.6247 I.64400 I.6453 I.6504 I.6753	1424.5  1200.5  1207.1 1213.6 1219.9 1226.2  1232.4 1238.5 1244.5 1250.4 1256.3  1262.2 1268.0 1273.7 1279.4 1285.1  1290.7 1296.3 1301.8 1307.4 1312.8	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30 2.33 2.35 2.38 2.41 2.44 2.47 2.60	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818 1.5942 1.6002 1.6019 1.6119 1.6232 1.6287 1.6232 1.6287 1.6395 1.6341 1.6395 1.6447	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1256.2 1262.1 1267.9 1279.3 1285.0 1290.6 1301.7 1307.3 1312.8 1318.2 1345.2
Sat. 410 420 430 440 450 450 510 520 530 540 550 570 600 650 700	3.08  1.88  1.92 1.95 1.99 2.02  2.05 2.08 2.11 2.15 2.18  2.21 2.24 2.27 2.30 2.33  2.36 2.38 2.41 2.44 2.47 2.50 2.63 2.77	245 [399.3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5772 1.5836 1.5898 1.6959 1.6019 1.6078 1.6135 1.6140 1.6463 1.6357 1.6410 1.6463 1.6514 1.6763 1.6997	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1266.6 1262.5 1268.2 1274.0 1279.7 1285.3 1290.9 1296.5 1302.0 1307.5 1313.0 1318.5 1345.4 1372.0	1.88  1.91 1.94 1.98 2.01  2.04 2.07 2.10 2.14 2.17  2.20 2.23 2.26 2.29 2.35 2.37 2.40 2.43 2.46  2.49 2.62 2.76	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5634 1.5701 1.5766 1.5830 1.6013 1.6013 1.6013 1.6130 1.6130 1.6130 1.6135 1.6243 1.6243 1.6243 1.6245 1.6352 1.6458 1.6352 1.6458	1200.5 1207.3 1213.7 1220.1 1226.3 1232.5 1238.6 1244.6 1250.6 1256.5 1262.3 1268.1 1273.9 1273.9 1273.9 1285.2 1290.8 1290.8 1290.5 1290.8 1290.9 1301.9 1301.9	3.05  1.87  1.90 1.94 1.97 2.00  2.03 2.06 2.10 2.13 2.16  2.19 2.22 2.25 2.28 2.31  2.34 2.36 2.39 2.42 2.45	247 [400.0] 1.5269 1.5344 1.5418 1.5490 1.5560 1.5824 1.5887 1.5948 1.6008 1.6025 1.6125 1.6125 1.6125 1.6125 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6238 1.6347 1.6400 1.6453 1.6400 1.6453 1.6504 1.6753 1.6987	1200.5 1207.1 1213.6 1219.9 1226.2 1232.4 1238.5 1244.5 1250.4 1250.4 1262.2 1268.0 1273.7 1279.7 1296.3 1301.8 1307.4 1312.8 1345.3 1345.3 1345.3	1.86  1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30 2.33 2.35 2.38 2.41 2.44 2.47 2.60 2.73	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5689 1.5754 1.5818 1.5881 1.5942 1.6002 1.6061 1.6176 1.6232 1.6287 1.6341 1.6395 1.6447 1.6499 1.6748 1.6982	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1256.2 1262.1 1267.9 1273.6 1273.6 1290.6 1290.6 1290.6 1290.8 1301.7 1301.7 1312.8
Sat.  410 420 430 440 460 470 480 490 510 520 530 550 560 570 580 590 600 650	3.08  1.88  1.92 1.95 1.99 2.02  2.05 2.08 2.11 2.15 2.18  2.21 2.24 2.27 2.30 2.33 2.36 2.38 2.41 2.44 2.47 2.50 2.63	245 [399-3] 1.5276 1.5357 1.5430 1.5502 1.5572 1.5640 1.5777 1.5836 1.5898 1.6019 1.6078 1.6135 1.6192 1.6248 1.6357 1.6440 1.6357 1.6440 1.6367 1.6463	1200.5 1207.5 1213.9 1220.2 1226.5 1232.7 1238.8 1244.8 1250.7 1256.6 1262.5 1268.2 1279.7 1285.3 1290.9 1307.5 1302.0 1307.5 1313.0	1.88  1.91 1.94 1.98 2.01 2.04 2.07 2.10 2.14 2.17 2.20 2.23 2.26 2.29 2.32 2.35 2.37 2.40 2.43 2.46 2.49 2.62	246 [399.7] 1.5273 1.5351 1.5424 1.5496 1.5566 1.5766 1.5830 1.5953 1.6073 1.6073 1.6130 1.6187 1.6243 1.6243 1.6248 1.6352 1.6458 1.6458	1424.6  1200.5  1207.3 1213.7 1220.1 1226.3  1232.5 1238.6 1244.6 1250.6 1256.5  1262.3 1268.1 1279.6 1285.2  1290.8 1301.9 1307.5 1312.9	3.05  1.87  1.90 1.94 1.97 2.00  2.03 2.06 2.10 2.13 2.16  2.19 2.22 2.25 2.28 2.31  2.34 2.36 2.39 2.42 2.45 2.48 2.61	247 [400.0] I.5269 I.5344 I.5418 I.5490 I.5560 I.5628 I.5695 I.5760 I.5824 I.6008 I.6007 I.6125 I.6182 I.6238 I.6238 I.6247 I.64400 I.6453 I.6504 I.6753	1424.5  1200.5  1207.1 1213.6 1219.9 1226.2  1232.4 1238.5 1244.5 1250.4 1256.3  1262.2 1268.0 1273.7 1279.4 1285.1  1290.7 1296.3 1301.8 1307.4 1312.8	1.86 1.89 1.93 1.96 1.99 2.02 2.06 2.09 2.12 2.15 2.18 2.21 2.24 2.27 2.30 2.33 2.35 2.38 2.41 2.44 2.47 2.60	248 [400.4] 1.5266 1.5338 1.5412 1.5484 1.5554 1.5622 1.5689 1.5754 1.5818 1.5942 1.6002 1.6019 1.6119 1.6232 1.6287 1.6232 1.6287 1.6395 1.6341 1.6395 1.6447	1200.6 1206.9 1213.4 1219.7 1226.0 1232.2 1238.3 1244.3 1250.3 1256.2 1262.1 1267.9 1279.3 1285.0 1290.6 1301.7 1307.3 1312.8 1318.2 1345.2

Pres-		250			255	7		260			265	
sure		[401.1]			[402.9]	,		[404.5]			[406.2]	
° F.		S	i	v	8	i		8	i		S	i
Sat.	1.846	1.5258	1200.6	1.811	1.5241	1200.8	1.777	1.5223	1201.0	1.745	1.5206	1201.1
410	1.877	1.5326	1206.5	1.835	1.5295	1205.6	1.795	1.5,264	1204.6	1.757	1.5234	1203.6
430	1.910	1.5400	1213.0	1.900	1.5369	1212.1	1.860	1.5339	1211.2	1.789	1.5309	1210.2
440	1.974	1.5542	1225.7	1.932	1.5513	1224.8	1.891	1.5484	1224.0	1.851	1.5455	1223.1
450	2.006	1.5611	1231.9	1.963	1.5582	1231.1	1.922	1.5553	1230.3	1.882	1.5525	1229.5
460	2.038	1.5678	1238.0	1.994	1.5649	1237.2	1.952	1.5621	1236.5	1.912	1.5593	1235.7
470	2.069	1.5743	1244.0	2.025	1.5715	1243.3	1.982	1.5687	1242.6	1.942	1.5659	1241.8
480	2.099	1.5807	1250.0	2.055	1.5779	1249.3	2.012	1.5752	1248.6	1.971	1.5724	1247.9
490	2.129	1.5870	1255.9	2.085	1.5842	1255.3	2.042	1.5815	1254.6	2.000	1.5788	1253.9
500	2.159	1.5931	1261.8	2.114	1.5904	1261.2	2.071	1.5877	1260.5	2.029	1.5850	1259.9
510	2.189	1.5991	1267.6	2.143	1.5964	1267.0	2.099	1.5938	1266.4	2.057	1.5911	1256.8
520	2.218	1.6050	1273.4	2.172	1.6024	1272.8	2.128	1.5998	1272.2	2.085	1.5971	1271.6
530	2.247	1.6108	1279.1	2.201	1.6082	1278.5	2.156	1.6056	1278.0	2.113	1.6030	1277.4
540	2.276	1.6166	1284.8	2.229	1.6139	1284.2	2.184	1.6113	1283.7	2.140	1.6088	1283.1
550	2.305	1.6222	1290.4	2.257	1.6196	1289.9	2.212	1.6170	1289.4	2.168	1.6145	1288.8
560	2.333	1.6277	1296.0	2.285	1.6251	1295.5	2.239	1.6225	1295.0	2.195	1.6200	1294.5
570	2.361	1.6331	1301.6	2.313	1.6305	1301.1	2.266	1.6280	1300.6	2.22I	1.6255	1300.1
580	2.389	1.6384	1307.1	2.340	1.6359	1306.6	2.293	1.6334	1306.2	2.248	1.6309	1305.7
590	2.417	1.0437	1312.6	2.368	1.0412	1312.1	2.320	1.6387	1311.7	2.274	1.6362	1311.2
600	2.444	1.6489	1318.1	2.395	1.6464	1317.6	2.347	1.6439	1317.2	2.301	1.6415	1316.7
650	2.579	1.6738	1345.1	2.527	1.6714	1344.7	2.477	1.6690	1344.4	2.429	1.6666	1344.0
700	2.711	1.6973	1371.7	2.657	1.6949	1371.4	2.605	1.6925	1371.1	2.555	1.6902	1370.8
750 800	2.840	1.7195	1398.0	2.784	1.7172	1397.8	2.730	1.7149	1397.6	2.678	1.7126	1397.3
			1424.3	2.909	1.7385	1424.1	2.853	1.7362	1423.8	2.798	1.7339	1423.6
850	3.094	T 7hT2										
000	3.094	1.7612	1450.4	3.033	1.7589	1450.3	2.974	1.7566	1450.1	2.917	1.7544	1449.9
	3.094	270	1450.4	3.033	275	1450.3	2.974	280	1450.1	2.917	285	1449.9
		270 [407.9]			<b>275</b> [409.6]			280			285 [412.8]	
Sat.	1.713	270 [407.9]	1201.2	1.683	275 [409.6]	1201.4	1.654	280 [411.2]	1201.5	1.625	285 [412.8]	1201.6
Sat. 420	1.713	270 [407.9] 1.5189 1.5281	1201.2	1.683	275 [409.6] 1.5172 1.5252	1201.4	1.654	280 [411.2] 1.5156 1.5223	1201.5	1.625	285 [412.8] 1.5139 1.5195	1201.6
Sat. 420 430	1.713 1.751 1.782	270 [407.9] 1.5189 1.5281 1.5355	1201.2	1.683 1.715 1.746	275 [409.6] 1.5172 1.5252 1.5326	1201.4 1208.4 1215.0	1.654 1.680 1.711	280 [411.2] 1.5156 1.5223 1.5298	1201.5 1207.4 1214.1	1.625 1.647 1.677	285 [412.8] 1.5139 1.5195 1.5270	1201.6
Sat. 420 430 440	1.713 1.751 1.782 1.813	270 [407.9] 1.5189 1.5281 1.5355 1.5427	1201.2 1209.3 1215.8 1222.3	1.683 1.715 1.746 1.776	275 [409.6] 1.5172 1.5252 1.5326 1.5399	1201.4 1208.4 1215.0 1221.4	1.654	280 [411.2] 1.5156 1.5223	1201.5 1207.4 1214.1 1220.6	1.625 1.647 1.677 1.707	285 [412.8] 1.5139 1.5195	1201.6 1206.5 1213.2 1219.7
Sat. 420 430 440 450	1.713 1.751 1.782 1.813	270 [407.9] 1.5189 1.5281 1.5355 1.5427	1201.2 1209.3 1215.8 1222.3	1.683 1.715 1.746 1.776 1.806	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.5469	1201.4	1.654 1.680 1.711	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442	1201.5 1207.4 1214.1	1.625 1.647 1.677 1.707	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415	1201.6 1206.5 1213.2 1219.7
Sat. 420 430 440 450 460	1.713 1.751 1.782 1.813 1.843 1.873	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5497 1.5565	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9	1.683 1.715 1.746 1.776 1.806 1.835	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.5469 1.5538	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1	1.654 1.680 1.711 1.741 1.770 1.799	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3	1.625 1.647 1.677 1.707 1.736 1.764	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6
Sat. 420 430 440 450 460 470	1.713 1.751 1.782 1.813 1.843 1.873 1.902	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5427 1.5565 1.5632	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1	1.683 1.715 1.746 1.776 1.806 1.835 1.864	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.5469 1.5538 1.5605	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3	1.654 1.680 1.711 1.741 1.770 1.799 1.828	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6	1.625 1.647 1.677 1.707 1.736 1.764 1.792	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8
Sat. 420 430 440 450 460 470 480	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5497 1.5565 1.5632 1.5698	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.5469 1.5538 1.5605 1.5671	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553 1.5619	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0
Sat. 420 430 440 450 460 470 480 490	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5497 1.5565 1.5632 1.5632 1.5698 1.5762	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.5469 1.5538 1.5605 1.5671 1.5735	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.3 1252.6	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645 1.5710	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848	285 [412.8] 1.5139 1.5270 1.5344 1.5415 1.5485 1.5553 1.5619 1.5684	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2
Sat. 420 430 440 450 460 470 480 490 500	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960	270 [497.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.5469 1.5538 1.5605 1.5671 1.5735	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5542 1.5511 1.5579 1.5645 1.5710	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5563 1.5619 1.5684	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2
Sat. 420 430 440 450 460 470 480 490 500 5io	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.55469 1.5538 1.5605 1.5671 1.5735 1.5798 1.5860	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1258.6 1264.5	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645 1.5773 1.5773 1.5835	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553 1.5619 1.5684 1.5748 1.5748 1.5748	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2
Sat. 420 430 440 450 460 470 480 490 510 520	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5735 1.5798 1.5860 1.5920	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1246.3 1246.3 1252.6 1258.6 1264.5	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5579 1.5645 1.5773 1.5835 1.5835 1.5895	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1257.9 1263.9 1269.8	1.625 1.647 1.677 1.707 1.736 1.792 1.820 1.848 1.875 1.902 1.929	285 [412.8] 1.5139 1.5270 1.5344 1.5445 1.5445 1.5553 1.5684 1.5748 1.5748 1.5810 1.5810	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2
Sat. 420 430 440 450 460 470 480 490 500 5io	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949	275 [409.6] 1.5172 1.5252 1.5326 1.5399 1.55469 1.5538 1.5605 1.5671 1.5735 1.5798 1.5860	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1258.6 1264.5	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645 1.5773 1.5773 1.5835	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553 1.5619 1.5684 1.5748 1.5748 1.5748	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2
Sat. 420 430 440 450 460 470 480 500 510 520 530 540	1.713 1.751 1.782 1.813 1.843 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.6063	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1276.8 1282.6	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5671 1.5735 1.5798 1.5860 1.5920 1.5980 1.6038	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1264.5 1270.4 1276.2 1276.2	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.55442 1.5579 1.5645 1.5773 1.5835 1.5895 1.5955 1.6013	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1257.9 1269.8 1275.7 1281.5	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553 1.5619 1.5684 1.5748 1.5810 1.5871 1.5989	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1263.3 1269.2 1275.1 1280.9
Sat. 420 430 440 450 460 470 480 500 510 520 530 540	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.60063	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1276.8 1282.6	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5671 1.5735 1.5798 1.5860 1.5920 1.5980 1.6038	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1258.6 1264.5 1270.4 1276.2 1282.0	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5579 1.5645 1.5773 1.5835 1.5895 1.5955 1.6013	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1257.9 1269.8 1275.7 1281.5	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5445 1.5553 1.5619 1.5684 1.5748 1.5871 1.5989 1.6047	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1269.2 1275.1 1280.9
Sat. 420 430 440 450 460 470 480 500 510 520 530 540	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098 2.125 2.152	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.6005 1.6120 1.6176	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1276.8 1282.6 1288.3	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5565 1.5671 1.5735 1.5798 1.5860 1.5920 1.5980 1.6038 1.6095 1.6095	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1246.5 1252.6 1258.6 1264.5 1270.4 1276.2 1282.0 1287.8	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5579 1.5645 1.5773 1.5835 1.5895 1.6013 1.6071 1.6071 1.6127	1201.5 1207.4 1214.1 1220.6 1227.0 1239.6 1245.8 1251.9 1257.9 1263.9 1269.8 1275.7 1281.5	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981	285 [412.8] 1.5195 1.5270 1.5344 1.5415 1.5553 1.5684 1.5748 1.5871 1.5989 1.6047 1.6103	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1269.2 1275.1 1280.9 1286.7 1292.5
Sat. 420 430 440 450 460 470 480 500 510 520 530 540	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.60063	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1276.8 1282.6	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5671 1.5735 1.5798 1.5860 1.5920 1.5980 1.6038	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1252.6 1264.5 1270.4 1276.2 1282.0	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5579 1.5645 1.5773 1.5835 1.5895 1.5955 1.6013	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1257.9 1269.8 1275.7 1281.5	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5445 1.5553 1.5619 1.5684 1.5748 1.5871 1.5989 1.6047	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1269.2 1275.1 1280.9
\$\frac{420}{430}\$ 440 450 460 470 480 490 500 510 520 550 550 560 570	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.041 2.071 2.098	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5005 1.6005 1.6005 1.6005 1.6005	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1271.0 1282.6 1288.3 1294.0 1299.6	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5735 1.5798 1.5860 1.5926 1.5938 1.6038	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1258.6 1264.5 1270.4 1276.2 1282.0 1287.8 1293.5 1299.1	1.654 1.680 1.711 1.774 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.962 2.019 2.045 2.070 2.096	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5542 1.5579 1.5645 1.5773 1.5835 1.5835 1.5955 1.6013 1.6071 1.6127 1.6182	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1267.9 1269.8 1275.7 1281.5 1287.2 1292.9 1298.6	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.952 1.958 1.958 1.958	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5563 1.5619 1.5684 1.5748 1.5810 1.5810 1.5931 1.5989 1.6047 1.6103 1.6159	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1263.3 1263.3 1275.1 1280.9 1286.7 1292.5 1298.2
\$\frac{420}{430}\$ 440 450 460 470 480 490 500 510 5520 5530 540 550 550 550 550 550 550	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098 2.125 2.178 2.178 2.204	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5885 1.5946 1.6005 1.6063 1.6120 1.6120 1.6121 1.6231 1.62285	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1276.8 1282.6 1288.3 1294.0 1299.6 1305.2	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058 2.084 2.110 2.136	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5735 1.5798 1.5860 1.5920 1.6038 1.6095 1.6151 1.6206 1.6226	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1264.5 1270.4 1276.2 1282.0 1282.0 1282.1 1293.5 1293.5 1293.5 1293.5	1.654 1.680 1.711 1.741 1.770 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019 2.045 2.070 2.096 2.122	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645 1.5773 1.5835 1.5895 1.5955 1.6071 1.6127 1.6127 1.6182 1.6237	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1263.9 1263.9 1275.7 1281.5 1282.9 1292.9 1292.9 1298.6 1304.3	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.985 1.	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553 1.5619 1.5684 1.5748 1.5810 1.5871 1.5989 1.6047 1.6103 1.6159 1.6214	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1263.3 1269.2 1275.1 1280.9 1286.7 1292.5 1298.2 1303.8
Sat. 420 430 440 450 460 470 480 490 500 510 520 530 540 550 550 5590	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098 2.125 2.152 2.178 2.204	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5497 1.5565 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.6005 1.6120 1.6120 1.6231 1.6231 1.6238 1.6233	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1271.0 1276.8 1282.6 1288.3 1294.0 1305.2 1310.8	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058 2.106 2.136 2.162 2.188	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5735 1.5798 1.5860 1.5920 1.5980 1.6038 1.6095 1.6151 1.6206 1.6216 1.6314	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1252.6 1264.5 1270.4 1276.2 1282.0 1287.8 1293.5 1299.1 1304.7 1310.3	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019 2.045 2.070 2.096 2.112 2.1147	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645 1.5773 1.5835 1.5895 1.5955 1.6013 1.6071 1.6127 1.6182 1.6237 1.6291	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1257.9 1269.8 1275.7 1281.5 1287.2 1292.9 1298.6 1304.3 1309.9	1.625 1.647 1.677 1.707 1.736 1.764 1.820 1.848 1.875 1.902 1.929 1.925 1.981 2.007 2.032 2.057 2.082 2.107	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553 1.5684 1.5748 1.5871 1.5989 1.6047 1.6103 1.6159 1.6214 1.6268	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1232.6 1245.0 1251.2 1257.3 1269.2 1275.1 1280.9 1286.7 1292.5 1298.2 1303.8 1309.4
Sat. 420 430 440 450 460 470 480 490 510 520 530 540 550 560 600 6650 700	1.713 1.751 1.782 1.813 1.843 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098 2.125 2.152 2.152 2.152 2.2154 2.230	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.6005 1.6120 1.6120 1.6231 1.6231 1.62338 1.6338 1.6391 1.6433 1.6643 1.6643 1.6879	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1276.8 1282.6 1288.3 1294.0 1299.6 1305.2 1310.8	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058 2.084 2.110 2.136 2.162 2.188	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5735 1.5798 1.5860 1.5920 1.6038 1.6026 1.6266 1.6261 1.6266 1.6261 1.6314	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1246.5 1252.6 1252.6 1264.5 1270.4 1276.2 1282.0 1287.8 1293.5 1299.1 1304.7 1310.3	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019 2.045 2.070 2.096 2.122 2.147	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5579 1.5645 1.5773 1.5835 1.5895 1.6013 1.6071 1.6182 1.6182 1.6237 1.6182 1.6237 1.6291 1.6344 1.6597 1.6384 1.6597 1.6384	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1263.9 1263.9 1275.7 1281.5 1287.2 1292.9 1298.6 1304.3 1309.9	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981 2.007 2.032 2.057 2.082 2.107	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5583 1.5619 1.5684 1.5748 1.5870 1.5870 1.5931 1.5989 1.6047 1.6103 1.6159 1.6268 1.6268	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1269.2 1275.1 1280.9 1286.7 1292.5 1298.2 1303.8 1309.4
\$at. 420 430 440 450 460 470 510 520 530 540 550 660 650 750 750	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098 2.125 2.152 2.178 2.204 2.230 2.256 2.382 2.506 2.627	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.6063 1.6120 1.6231 1.6285 1.6231 1.6285 1.6338 1.6391 1.6285 1.6391 1.64391	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1271.0 1276.8 1282.6 1288.3 1294.0 1305.2 1310.8 1316.3 1343.7 1370.5 1397.1	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058 2.084 2.110 2.1136 2.1162 2.1188 2.213 2.328 2.459 2.578	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5671 1.5735 1.5980 1.6038 1.6095 1.6151 1.6266 1.6261 1.6314 1.6367 1.6620 1.6857 1.7082	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1264.5 1270.4 1276.2 1282.0 1287.8 1293.5 1299.1 1304.7 1310.3 1315.9 1343.3 1370.2 1396.8	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019 2.045 2.070 2.096 2.122 2.147 2.172 2.295 2.414 2.531	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645 1.5773 1.5835 1.5955 1.6013 1.6071 1.6127 1.6127 1.6237 1.6231 1.6291 1.6344 1.6597 1.6835 1.7060	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1269.8 1275.7 1281.5 1287.2 1292.9 1304.3 1304.9 1315.5 1342.9 1369.9 1316.6	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981 2.007 2.032 2.057 2.082 2.107 2.132 2.253 2.371 2.486	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5553 1.5619 1.5684 1.5748 1.5871 1.5989 1.6047 1.6103 1.6159 1.6214 1.6268 1.6321 1.62575 1.6321 1.6321 1.6321 1.6331 1.6321 1.6331 1.7039	1201.6  1206.5 1213.2 1219.7  1226.2 1232.6 1232.6 1245.0 1251.2  1257.3 1269.2 1275.1 1280.9  1286.7 1292.5 1298.2 1303.8 1309.4
Sat. 420 430 440 450 460 470 480 490 510 520 530 540 550 560 600 6650 700	1.713 1.751 1.782 1.813 1.843 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098 2.125 2.152 2.152 2.152 2.2154 2.230	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.6005 1.6120 1.6120 1.6231 1.6231 1.62338 1.6338 1.6391 1.6433 1.6643 1.6643 1.6879	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1259.2 1265.1 1271.0 1276.8 1288.3 1294.0 1299.6 1305.2 1310.8 1316.3 1343.7 1370.5	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058 2.084 2.110 2.136 2.162 2.188	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5735 1.5798 1.5860 1.5920 1.6038 1.6026 1.6266 1.6261 1.6266 1.6261 1.6314	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1264.5 1276.2 1287.0 1287.0 1287.0 1287.0 1287.0 1304.7 1310.3	1.654 1.680 1.711 1.771 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019 2.045 2.070 2.096 2.122 2.147	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5579 1.5645 1.5773 1.5835 1.5895 1.6013 1.6071 1.6182 1.6182 1.6237 1.6182 1.6237 1.6291 1.6344 1.6597 1.6384 1.6597 1.6384	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1263.9 1263.9 1275.7 1281.5 1287.2 1292.6 1304.3 1309.9	1.625 1.647 1.677 1.707 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981 2.007 2.032 2.057 2.082 2.107	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5485 1.5553 1.5619 1.5871 1.5871 1.5989 1.6047 1.6153 1.6159 1.6268 1.6321 1.6268	1201.6 1206.5 1213.2 1219.7 1226.2 1232.6 1238.8 1245.0 1251.2 1257.3 1263.3 1269.2 1275.1 1280.9 1286.7 1292.5 1303.8 1309.4 1315.0 1342.6 1369.6
\$at. 420 430 440 450 460 470 510 520 530 540 550 660 650 750 750	1.713 1.751 1.782 1.813 1.843 1.873 1.902 1.931 1.960 1.988 2.016 2.044 2.071 2.098 2.125 2.152 2.178 2.204 2.230 2.256 2.382 2.506 2.627	270 [407.9] 1.5189 1.5281 1.5355 1.5427 1.5565 1.5632 1.5698 1.5762 1.5824 1.5885 1.5946 1.6005 1.6063 1.6120 1.6231 1.6285 1.6231 1.6285 1.6338 1.6391 1.6285 1.6391 1.64391	1201.2 1209.3 1215.8 1222.3 1228.6 1234.9 1241.1 1247.2 1253.2 1271.0 1276.8 1282.6 1288.3 1294.0 1305.2 1310.8 1316.3 1343.7 1370.5 1397.1	1.683 1.715 1.746 1.776 1.806 1.835 1.864 1.893 1.921 1.949 1.977 2.004 2.031 2.058 2.084 2.110 2.1136 2.1162 2.1188 2.213 2.328 2.459 2.578	275 [409.6] 1.5172 1.5252 1.5326 1.5339 1.5469 1.5538 1.5605 1.5671 1.5735 1.5980 1.6038 1.6095 1.6151 1.6266 1.6261 1.6314 1.6367 1.6620 1.6857 1.7082	1201.4 1208.4 1215.0 1221.4 1227.8 1234.1 1240.3 1246.5 1252.6 1264.5 1270.4 1276.2 1282.0 1287.8 1293.5 1299.1 1304.7 1310.3 1315.9 1343.3 1370.2 1396.8	1.654 1.680 1.711 1.741 1.770 1.799 1.828 1.856 1.884 1.911 1.939 1.966 1.992 2.019 2.045 2.070 2.096 2.122 2.147 2.172 2.295 2.414 2.531	280 [411.2] 1.5156 1.5223 1.5298 1.5371 1.5442 1.5511 1.5579 1.5645 1.5773 1.5835 1.5955 1.6013 1.6071 1.6127 1.6127 1.6237 1.6231 1.6291 1.6344 1.6597 1.6835 1.7060	1201.5 1207.4 1214.1 1220.6 1227.0 1233.3 1239.6 1245.8 1251.9 1269.8 1275.7 1281.5 1287.2 1292.9 1304.3 1304.9 1315.5 1342.9 1369.9 1316.6	1.625 1.647 1.777 1.776 1.736 1.764 1.792 1.820 1.848 1.875 1.902 1.929 1.955 1.981 2.007 2.032 2.057 2.032 2.107 2.132 2.253 2.371 2.486 2.599 2.710	285 [412.8] 1.5139 1.5195 1.5270 1.5344 1.5415 1.5553 1.5619 1.5684 1.5748 1.5871 1.5989 1.6047 1.6103 1.6159 1.6214 1.6268 1.6321 1.62575 1.6321 1.6321 1.6321 1.6331 1.6321 1.6331 1.7039	1201.6  1206.5 1213.2 1219.7  1226.2 1232.6 1232.6 1245.0 1251.2  1257.3 1269.2 1275.1 1280.9  1286.7 1292.5 1298.2 1303.8 1309.4

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	Pres- sure		290 [414.4]			<b>295</b> [415.9]			<b>300</b> [417.5]			<b>310</b> [420.5]	
-	remp	V	s	i	v	s	i	<b>v</b>	s	i	•	3	i
	Sat.	1.598	1.5123	1201.7	1.571	1.5108	1201.8	1.545	1.5092	1201.9	1.496	1.5062	1202.0
	120	1.614	1.5167	1205.5	1.583	1.5139	1204.6	1.553	1.5112	1203.6			
	130 140	1.644	1.5243	1212.3	1.612	1.5216	1211.4	1.582	1.5189	1210.4	1.523	1.5136	1208.6
•	140	1.0/3	1.33-7	1210.9	1.041	1.3290	1210.0	1.010	1.3203	121/.1	1.331	1.3211	1213.4
	150	1.702	1.5389	1225.4	1.670	1.5362	1224.5	1.638	1.5336	1223.7	1.579	1.5285	1222.0
	160	1.730	1.5459	1231.8	1.698	1.5432	1231.0	1.666	1.5407	1230.2	1.606	1.5357	1228.6
	170 180	1.758	1.5527	1238.1	1.725 1.753	1.5568	1237.3	1.693	1.5476	1236.6	1.633	1.5427	1235.0
	190	1.813	1.5659	1250.5	1.780	1.5634	1249.8	1.747	1.5610	1249.1	1.685	1.5561	1247.7
F	500	1.840	1.5723	1256.6	1.806	1.5698	1255.9	1.773	1.5674	1255.2	1.711	1.5626	1253.9
	10	1.866	1.5785	1262.6	1.832	1.5761	1262.0	1.799	1.5737	1261.3	1.736	1.5690	1260.0
	20	1.893	1.5846	1268.6	1.858	1.5823	1268.0	1.825	1.5799	1267.4	1.761	1.5752	1266.1
	30	1.919	1.5906	1274.5	1.884	1.5883	1273.9	1.850	1.5859	1273.3	1.786	1.5813	1272.1
5	540	1.944	1.5965	1280.4	1.909	1.5942	1279.8	1.875	1.5919	1279.2	1.810	1.5873	1278.1
	550	1.970	1.6023	1286.2	1.934	1.6000	1285.6	1.900	1.5977	1285.1	1.834	1.5932	1284.0
	560	1.995	1.6080	1291.9	1.959	1.6057	1291.4	1.924	1.6034	1290.9	1.858	1.5990	1289.8
	70	2.020	1.6136	1297.6	1.984	1.6113	1297.1	1.949	1.6090	1296.6	1.882	1.6046	1295.6
	580 590	2.045	1.6245	1303.3	2.032	1.6222	1302.6	1.973	1.6146	1302.4	1.905	1.6157	1301.4
	300	-				- 66						1 6	
	550	2.093	1.6298	1314.6	2.056	1.6276	1314.1	2.020	1.6254	1313.7	2.065	1.6211	1312.8
	700	2.329	1.6792	1369.3	2.288	1.6771	1369.0	2.249	1.6750	1368.7	2.174	1.6710	1368.1
	750	2.442	1.7018	1396.1	2.400	1.6997	1395.8	2.359	1.6977	1395.6	2.281	1.6937	1395.0
8	300	2.553	1.7233	1422.6	2.509	1.7213	1422.4	2.467	1.7193	1422.2	2.386	1.7153	1421.7
8	350	2.663	1.7439	1449.0	2.617	1.7419	1448.9	2.573	1.7399	1448.7	2.489	1.7360	1448.3
g	000	2.772	1.7637	1475.4	2.724	1.7617	1475.3	2.678	1.7597	1475.1	2.591	1.7559	1474.8
-			320			330			340			350	
-			[423.4]			[426.3]			[429.1]			[431.9]	
5	Sat.	1.450	1.5032	1202.2	1.407	1.5004	1202.3	1.366	1.4976	1202.4	1.327	1.4949	1202.5
4	130	1.469	1.5084	1 206.8	1.417	1.5033	1204.9	1.368	1.4983	1 203.0			
4	140	1.496	1.5160	1213.6	1.444	1.5110	1211.8	1.395	1.5061	1210.0	1.348	1.5013	1208.2
4	150	1.523	1.5235	1220.3	1.471	1.5186	1218.6	1.421	1.5137	1216.9	1.374	1.5090	1215.2
	60	1.550	1.5307	1227.0	1.497	1.5259	1225.3	1.447	1.5211	1223.7	1.399	1.5165	1222.0
	170	1.576	1.5378	1233.5	1.522	1.5330	1231.9	1.472	1.5283	1230.4	1.424	1.5238	1228.8
	180	1.627	1.5447	1239.9	1.547	1.5468	1238.4	1.497	1.5354	1236.9	1.448	1.5309	1235.4
	500	1.652	1.5580	1252.6	1.597	1.5534	1251.2	1.545	1.5489	1249.8	1.496	1.5446	1248.4
	20	1.701	1.5644	1250.0	1.645	1.5599	1257.4	1.569	1.5555	1256.1	1.519	1.5512	1254.8
	30	1.725	1.5768	1271.0	1.669		1269.7	1.615		1268.5	1.565		
	40	1.749	1.5829	1277.0	1.692	1.5785	1275.8	1.638	1.5743	1274.6	1.587		
5	50	1.773	1.5888	1282.9	1.715	1.5845	1281.8	1.661	1.5803	1280.7	1.609	1.5762	1279.6
	60	1.796	1.5946	1288.8	1.738	1.5903	1287.7	1.683	1.5862	1286.6	1.631	1.5821	1285.6
	70	1.819	1.6003	1294.6	1.761	1.5961	1293.6	1.705	1.5920	1292.6	1.653	1.5879	1291.5
	80	1.842	1.6059	1300.4	1.783	1.6017	1299.5	I.727 I.749	1.5977	1298.5	1.674	1.5937	1297.4
		ŭ											
	500	1.887	1.6169 1.6428	1311.9	1.827	1.6128	1311.0	1.770	1.6088	1310.1	1.717	1.6048	1309.2
	00	2.104	1.6670	1340.0	2.038	1.6632	1339.3	1.976	1.6594	1366.2	1.918	1.6558	1365.6
	50	2.208	1.6898	1394.5	2.140	1.6861	1394.0	2.075	1.6824	1393.5	2.014	1.6789	1393.0
	00	2.310	1.7115	1421.3	2.239	1.7078	1420.9	2.172	1.7042	1420.4	2.109	1.7008	1420.0
8	350	2.410	1.7323	1447.9	2.336	1.7286	1447.6	2.267	1.7251	1447.2	2.201	1.7217	1446.8
	000	2.509	1.7522	1474.5	2.433	1.7486	1474.2	2.360	1.7451	1473.9	2.292	1.7417	1473.6
9	50	2.607	1.7714	1501.1	2.528	1.7678	1500.9	2.453	1.7643	1500.6	2.382	1.7610	1500.3

Pres-		<b>360</b> [434.6]			<b>370</b> [437.2]			380 [439.8]			390 [441.0]	
Temp F.	<b>v</b>	8	i	v	8	i	٧	s	i	v	8	i
Sat.	1.291	1.4922	1202.5	1.256	1.4896	1202.6	1.223	1.4871	1202.6	1.192	1.4847	1202.6
440	1.305	1.4965	1206.4	1.263	1.4919	1204.6	1.224	1.4872	1202.7			
450	1.330	1.5043	1213.4	1.288	1.4997	1211.7	1.248	1.4952	1209.9	1.211	1.4908	1208.2
460		1.5119	1220.4	1.312	1.5074	1218.7	1.272	1.5030	1217.0	1.234	1.4986	1215.3
470		1.5193	1227.2	1.336	1.5149	1225.6	1.296	1.5105	1224.0	1.257	1.5062	1222.3
480		1.5265	1233.9	1.360	1.5221	1232.4	1.319	1.5178	1230.8	1.280	1.5136	1229.3
and the Control	1.427	1.5335	1240.5	1.383	1.5292	1239.0	1.342	1.5249	1237.5	1.303	1.5208	1236.1
500	1.450	1.5403	1247.0	1.406	1.5361	1245.6	1.364	1.5319	1244.2	1.325	1.5278	1242.8
510	1.473	1.5469	1253.4	1.428	1.5428	1252.1	1.386	1.5387	1250.7	1.347	1.5347	1249.4
520		1.5534	1259.8	1.450	1.5494	1258.5	1.408	1.5453	1257.2	1.368	1.5414	1255.9
530	1.517	1.5598	1272.3	1.494	1.5621	1271.1	1.429	1.5581	1269.9	1.410	1.5479	1268.7
						12/1.1	1.431			1.410		1200.7
550	1.561	1.5721	1278.4	1.515	1.5682	1277.3	1.472	1.5643	1276.1	1.430	1.5605	1275.0
560		1.5781	1284.5	1.536	1.5742	1283.4	1.492	1.5704	1282.3	1.450	1.5667	1281.2
570 580		1.5840	1290.5	1.557	1.5851	1289.4	1.513	1.5764	1288.4	1.470	1.5727	1287.3
590		1.5954	1302.4	1.598	1.5917	1301.4	1.533	1.5880	1300.4	1.510	1.5843	1293.4
600	1.666	1.6010	1308.2	1.618	1.5973	1307.3	1.572	1.5936	1306.4	1.529	1.5900	1305.4
650		1.6275	1337.0	1.716	1.6239	1336.2	1.669	1.6204	1335.4	1.623	1.6170	1334.6
750	1.863	1.6522	1365.0	1.811	1.6487	1364.3	1.761	1.6453	1363.7	1.713	1.6420	1363.0
800		1.6974	1419.5	1.992	1.6940	1419.1	1.939	1.6908	1418.6	1.888	1.6876	1418.2
850			1446.5	2.080		1446.1	2 024	1.7118	7445 7	1.972	1.7087	
900	2.139	1.7183	1473.3	2.167	1.7150	1472.9	2.024	1.7320	1445.7	2.054	1.7290	1445.3
950		1.7577	1500.1	2.252	1.7545	1499.8	2.193	1.7514	1499.5	2.136	1.7483	1499.2
1000		1.7764	1526.9	2.337						2.216		
	-		1320.9	2.337	1.7732	1526.6	2.276	1.7701	1526.4	2.210	1.7671	1320.2
		400	1320.9	2.337	420	1520.0	2.270	440	1320.4	2.210	460	1320.2
		<b>400</b> [444.8]			<b>420</b> [449.6]			<b>440</b> [454.2]			<b>460</b> [458.7]	
Sat.	1.162	400	1202.5	1.107	420	1202.4	1.056	440	1202.3	1.010	460	1202.1
Sat. 460	1.162	<b>400</b> [444.8]			<b>420</b> [449.6]			440 [454-2] 1.4728 1.4776			460 [458.7] 1.4685 1.4696	
460 470	1.198	400 [444.8] 1.4821 1.4943 1.5020	1202.5 1213.6 1220.7	1.107 1.131 1.153	420 [449.6] 1.4773 1.4858 1.4937	1202.4 1210.2 1217.4	1.056 1.069 1.091	440 [454.2] 1.4728 1.4776 1.4856	1202.3	1.010 1.013 1.034	460 [458.7] 1.4685 1.4696 1.4778	1202.I 1203.I 1210.7
460 470 480	1.198 1.221 1.243	400 [444.8] 1.4821 1.4943 1.5020 1.5094	1202.5 1213.6 1220.7 1227.7	1.107 1.131 1.153 1.175	420 [449.6] 1.4773 1.4858 1.4937 1.5013	1202.4 1210.2 1217.4 1224.5	1.056 1.069 1.091	440 [454-2] 1.4728 1.4776 1.4856 1.4934	1202.3 1206.7 1214.1 1221.3	1.010 1.013 1.034 1.055	460 [458.7] 1.4685 1.4696 1.4778 1.4857	1202.I 1203.I 1210.7 1218.I
460 470	1.198	400 [444.8] 1.4821 1.4943 1.5020	1202.5 1213.6 1220.7	1.107 1.131 1.153	420 [449.6] 1.4773 1.4858 1.4937	1202.4 1210.2 1217.4	1.056 1.069 1.091	440 [454.2] 1.4728 1.4776 1.4856	1202.3	1.010 1.013 1.034	460 [458.7] 1.4685 1.4696 1.4778	1202.I 1203.I 1210.7
460 470 480	1.198 1.221 1.243 1.265	400 [444.8] 1.4821 1.4943 1.5020 1.5094	1202.5 1213.6 1220.7 1227.7 1234.6	1.107 1.131 1.153 1.175 1.196	420 [449.6] I.4773 I.4858 I.4937 I.5013 I.5087	1202.4 1210.2 1217.4 1224.5	1.056 1.069 1.091	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010	1202.3 1206.7 1214.1 1221.3 1228.5	1.010 1.013 1.034 1.055 1.075	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009	1202.I 1203.I 1210.7 1218.I 1225.4
460 470 480 490 <b>500</b> 510	1.198 1.221 1.243 1.265 1.287 1.309	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0	1.107 1.131 1.153 1.175 1.196 1.217 1.238	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2	1.056 1.069 1.091 1.112 1.133 1.154 1.174	440 [454.2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4	1.010 1.013 1.034 1.055 1.075	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6
460 470 480 490 <b>500</b> 510 520	1.198 1.221 1.243 1.265 1.287 1.309 1.330	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2	1.010 1.013 1.034 1.055 1.075 1.095 1.113	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5
460 470 480 490 <b>500</b> 510 520 530	1.198 1.221 1.243 1.265 1.287 1.309 1.330	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1	I.107 I.131 I.153 I.175 I.196 I.217 I.238 I.258 I.278	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5293	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9	1.010 1.013 1.034 1.055 1.075 1.095 1.115 1.134	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3
460 470 480 490 <b>500</b> 510 520 530 540	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.350	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.53440 1.5505	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.298	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5233 1.5359	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5	1.010 1.013 1.034 1.055 1.075 1.095 1.115 1.1134 1.153 1.172	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0
460 470 480 490 <b>500</b> 510 520 530 540	1.198 1.221 1.243 1.265 1.309 1.330 1.350 1.371	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.298	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5293 1.5359 1.5424	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5	1.010 1.013 1.034 1.055 1.075 1.095 1.115 1.134 1.153 1.172	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0
460 470 480 490 <b>500</b> 510 520 530 540	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.350 1.371	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5374 1.5374 1.5440 1.5505	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.298 1.318	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5229 1.5359 1.5424 1.5488	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5	1.010 1.013 1.034 1.055 1.075 1.134 1.153 1.172 1.190 1.209	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0
460 470 480 490 510 520 530 540 560 570	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.350 1.371 1.391 1.411 1.430	400 [444.8] 1.4821 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505 1.5568 1.5629 1.5690	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1261.1 1267.5	I.107 I.131 I.153 I.175 I.196 I.217 I.238 I.258 I.278 I.298 I.318 I.337 I.356	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557 1.5619	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5293 1.5359 1.5424 1.5488 1.5550	1202.3 1206.7 1214.1 1221.3 1228.5 1242.4 1249.2 1255.9 1262.5	1.010 1.013 1.034 1.055 1.075 1.115 1.134 1.153 1.172 1.190 1.209	460 [458.7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0
460 470 480 490 510 520 530 540 560 570 580	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.350 1.371	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5374 1.5374 1.5440 1.5505	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.298 1.318	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5229 1.5359 1.5424 1.5488	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5	1.010 1.013 1.034 1.055 1.075 1.134 1.153 1.172 1.190 1.209	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0
460 470 480 490 510 520 530 540 560 570 580 590	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.350 1.371 1.411 1.430 1.450 1.469	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505 1.5568 1.5629 1.5690 1.5749 1.5807	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1292.5	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.298 1.318 1.337 1.356 1.375 1.393	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557 1.5619 1.5679 1.5738	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0 1271.4 1277.8 1284.1 1290.3 1296.4	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288 1.307	440 [454-2] 1.4778 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5244 1.5488 1.5550 1.5611 1.5670	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1269.1 1275.5 1281.9 1288.2	1.010 1.013 1.034 1.055 1.075 1.115 1.1134 1.153 1.172 1.190 1.209 1.227 1.244 1.262	460 [458.7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5355 1.5420 1.5483 1.5545 1.5605	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1273.2 1279.7 1286.I 1292.4
460 470 480 490 510 520 530 540 560 570 580 590	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.371 1.391 1.411 1.430 1.450 1.450 1.488	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5374 1.5374 1.5440 1.5505 1.5689 1.5629 1.5690 1.5749 1.5807	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1298.5	I.107 I.131 I.153 I.175 I.196 I.217 I.238 I.258 I.278 I.318 I.337 I.356 I.375 I.393 I.412	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557 1.5619 1.5679 1.5738	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0 1271.4 1277.8 1284.1 1290.3 1296.4	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288 1.307 1.325	440 [454-2] 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.52293 1.5359 1.5424 1.5488 1.5550 1.5611 1.5670	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1269.1 1275.5 1281.9 1288.2 1294.4	1.010 1.013 1.034 1.055 1.075 1.115 1.134 1.153 1.172 1.190 1.209 1.227 1.244 1.262	460 [458.7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5355 1.5420 1.5483 1.5545 1.5605	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1273.2 1279.7 1286.I 1292.4
460 470 480 490 510 520 530 540 550 560 570 580 590 600	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.371 1.391 1.411 1.430 1.450 1.469 1.488 1.507	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5374 1.5374 1.5562 1.5568 1.5629 1.5749 1.5807	1202.5 1213.6 1220.7 1224.0 1241.3 1248.0 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1298.5 1304.5 1310.5	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.298 1.318 1.336 1.375 1.393 1.412 1.430	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5298 1.5365 1.5431 1.5495 1.55619 1.5679 1.5738	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0 1271.4 1290.3 1296.4 1302.5 1308.6	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288 1.307 1.325 1.342 1.360	440 [454-2] 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5225 1.52424 1.5488 1.5550 1.5611 1.5670	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1269.5 1275.5 1281.9 1288.2 1294.4 1300.6 1306.7	1.010 1.013 1.034 1.055 1.075 1.195 1.115 1.134 1.153 1.172 1.190 1.209 1.227 1.244 1.262	460 [458.7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5282 1.5282 1.5420 1.5483 1.5545 1.5605	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1279.7 1286.1 1292.4 1298.6 1304.8
460 470 480 490 510 520 530 540 550 570 580 590 600 610 620	1.198 1.221 1.243 1.265 1.287 1.309 1.350 1.350 1.371 1.410 1.440 1.450 1.469	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5374 1.5374 1.5440 1.5505 1.5689 1.5629 1.5690 1.5749 1.5807	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1298.5	I.107 I.131 I.153 I.175 I.196 I.217 I.238 I.258 I.278 I.318 I.337 I.356 I.375 I.393 I.412	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5298 1.5365 1.5431 1.5495 1.5567 1.5679 1.5738 1.5796 1.5852 1.5988	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0 1271.4 1277.8 1284.1 1290.3 1296.4	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288 1.307 1.325	440 [454-2] 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5293 1.5359 1.5424 1.5488 1.5550 1.5611 1.5729 1.5729 1.5729 1.5729 1.5729 1.5729 1.5729 1.5729	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1269.1 1275.5 1281.9 1288.2 1294.4	1.010 1.013 1.034 1.055 1.075 1.115 1.134 1.153 1.172 1.190 1.209 1.227 1.244 1.262	460 [458.7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5355 1.5420 1.5483 1.5545 1.5605	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1273.2 1279.7 1286.I 1292.4
460 470 480 490 510 520 530 540 560 570 580 590 610 620 630	1.198 1.221 1.243 1.265 1.287 1.309 1.350 1.350 1.371 1.410 1.440 1.450 1.469	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5377 1.5374 1.5440 1.5505 1.5629 1.5629 1.5690 1.5749 1.5807	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1267.5 1273.8 1286.2 1298.4 1298.5 1304.5 1310.5 1316.4	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.298 1.318 1.337 1.356 1.375 1.375 1.373 1.412 1.430 1.448	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5298 1.5365 1.5431 1.5495 1.55619 1.5679 1.5738	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0 1271.4 1277.8 1284.1 1290.3 1296.4	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288 1.307 1.325 1.342 1.360	440 [454-2] 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5225 1.52424 1.5488 1.5550 1.5611 1.5670	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1269.1 1275.5 1281.9 1288.2 1294.4 1300.6 1306.7 1312.8	1.010 1.013 1.034 1.055 1.075 1.115 1.1134 1.153 1.172 1.190 1.209 1.224 1.262	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5228 1.5228 1.5355 1.5420 1.5483 1.5545 1.5665 1.5665 1.5723 1.5780	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1279.7 1279.7 1286.1 1292.4 1298.6 1304.8 1311.0
460 470 480 490 510 520 530 540 560 570 580 590 610 620 630	1.198 1.221 1.243 1.265 1.287 1.390 1.371 1.391 1.411 1.430 1.450 1.469 1.488 1.507 1.526 1.544 1.562	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505 1.5690 1.5749 1.5867 1.5864 1.5921 1.5921 1.5921 1.6030	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1292.5 1310.5 1310.5 1310.5 1310.5 1310.5 1310.5	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.318 1.337 1.356 1.375 1.393 1.412 1.448 1.446	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5298 1.5365 1.5431 1.5495 1.5557 1.5619 1.5796 1.5796 1.5852 1.5988 1.5998	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1271.4 1277.8 1284.1 1290.3 1290.3 1302.5 1314.6 1314.6 1320.5	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.225 1.270 1.288 1.377 1.362 1.360 1.377 1.395	440 [454-2] 1.4778 1.4876 1.4836 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5243 1.5359 1.5424 1.5488 1.5550 1.5670 1.5729 1.5729 1.5786 1.5843 1.5899	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1269.1 1275.5 1281.9 1288.4 1300.6 1306.7 1312.8 1318.8	1.010 1.013 1.034 1.055 1.075 1.1134 1.153 1.172 1.190 1.209 1.227 1.244 1.262 1.279 1.313 1.329	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5483 1.5545 1.5483 1.5545 1.5665 1.5723 1.5723 1.5723 1.5723 1.5723	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1273.2 1279.7 1286.1 1292.4 1298.6 1304.8 1311.0 1317.0
460 470 480 490 510 520 530 540 560 570 580 590 610 620 630 640	1.198 1.221 1.243 1.265 1.287 1.309 1.350 1.371 1.411 1.430 1.450 1.469 1.488 1.507 1.526 1.544 1.562	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505 1.5690 1.5749 1.5807 1.5807 1.5807 1.5868 1.5921 1.5976 1.6030 1.6083 1.6136 1.6387	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1298.5 1304.5 1310.5 1310.5 1316.4 1322.3 1328.1	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.318 1.337 1.356 1.375 1.393 1.412 1.430 1.448 1.466 1.483	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557 1.5619 1.5796 1.5852 1.598 1.5	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1271.4 1277.8 1284.1 1290.3 1296.4 1302.5 1314.6 1320.5 1326.4	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288 1.307 1.325 1.342 1.360 1.377 1.395 1.412	440 [454-2] 1.4778 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5225 1.5244 1.5488 1.5550 1.5670 1.5729 1.5786 1.5843 1.5899 1.5954 1.6007 1.6007 1.6007	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1281.9 1288.2 1294.4 1300.6 1306.7 1312.8 1318.8 1324.8 1330.7 1359.7	1.010 1.013 1.034 1.055 1.075 1.1095 1.115 1.134 1.153 1.172 1.190 1.209 1.227 1.244 1.262 1.279 1.313 1.329 1.346 1.362 1.442	460 [458.7] 1.4685 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5355 1.5420 1.5483 1.5545 1.5565 1.5723 1.5780 1.5836 1.5780 1.5836 1.5891 1.5945 1.6204	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1279.7 1279.7 1292.4 1298.6 1304.8 1311.0 1317.0 1323.1 1329.1 1329.1
460 470 480 490 510 520 530 540 560 570 580 590 610 620 630 640	1.198 1.2243 1.265 1.287 1.309 1.330 1.350 1.371 1.411 1.430 1.450 1.469 1.488 1.507 1.526 1.544 1.562	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505 1.5682 1.5690 1.5749 1.5864 1.5921 1.59276 1.6030 1.6030 1.6038 1.6136 1.6387 1.6622	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1292.5 1304.5 1310.5 1310.5 1310.5 1312.3 1322.3 1328.1	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.318 1.337 1.356 1.375 1.393 1.412 1.448 1.466 1.483	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557 1.5619 1.5679 1.5738 1.5796 1.5738 1.5796 1.5796 1.5852 1.5908 1.59	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1271.4 1277.8 1284.1 1290.3 1296.4 1302.5 1314.6 1314.6 1320.5 1326.4	1.056 1.069 1.012 1.113 1.154 1.174 1.193 1.213 1.225 1.270 1.288 1.307 1.325 1.342 1.360 1.377 1.395 1.412 1.429 1.511 1.590	440 [454-2] 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5244 1.5488 1.5550 1.5611 1.5670 1.5729 1.5729 1.5789 1.5843 1.5899 1.5954	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1275.5 1281.9 1288.2 1294.4 1300.6 1306.7 1312.8 1318.8 1324.8	1.010 1.013 1.034 1.055 1.075 1.1095 1.1153 1.172 1.190 1.227 1.244 1.266 1.313 1.329 1.346 1.362 1.442 1.519	460 [458.7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5420 1.5483 1.5545 1.5665 1.5723 1.5723 1.5723 1.5836 1.5723 1.5945 1.6204 1.6445	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1273.2 1279.7 1286.1 1292.4 1304.8 1301.0 1317.0 1323.1 1329.1 1358.4 1386.9
460 470 480 490 500 510 520 530 540 560 570 580 590 610 620 630 640	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.350 1.371 1.411 1.430 1.450 1.469 1.488 1.507 1.526 1.544 1.562 1.581 1.681 1.683	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505 1.5688 1.5629 1.5690 1.5749 1.5807 1.6030 1.6030 1.6038 1.6036 1.6387 1.66387 1.66387 1.66387	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1292.4 1298.5 1304.5 1310.5	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.318 1.337 1.356 1.375 1.393 1.412 1.430 1.448 1.466 1.483 1.501 1.586 1.669 1.750	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5363 1.5455 1.5451 1.5619 1.5679 1.5738 1.5796 1.5852 1.5908 1.5908 1.5908 1.6070 1.6070 1.6070 1.6578	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1265.0 1271.4 1290.3 1296.4 1302.5 1308.6 1314.6 1320.5 1326.4 1332.3 1361.1 1389.2 1416.9	1.056 1.069 1.091 1.112 1.133 1.154 1.174 1.193 1.213 1.232 1.251 1.270 1.288 1.307 1.325 1.342 1.360 1.377 1.395 1.412 1.429 1.511 1.590 1.668	440 [454-2] 1.4728 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5223 1.5359 1.5424 1.5488 1.5550 1.5611 1.5670 1.5729 1.5786 1.5843 1.5899 1.5954 1.6007 1.6263 1.6502 1.6727	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1269.1 1275.5 1281.9 1288.2 1294.4 1300.6 1306.7 1312.8 1330.7 1312.8 1330.7 1359.7 1359.7 1359.7 1358.1 1415.9	1.010 1.013 1.034 1.055 1.075 1.095 1.115 1.134 1.153 1.172 1.190 1.209 1.227 1.244 1.262 1.279 1.346 1.362 1.442 1.459 1.462	460 [458-7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5355 1.5420 1.5483 1.5545 1.5665 1.5723 1.5723 1.5836 1.6845 1.6845 1.6845 1.6845 1.6845 1.6845 1.6845 1.6845 1.6845 1.6867	1202.I 1203.I 1210.7 1218.I 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1279.7 1286.I 1292.4 1298.6 1304.8 1311.0 1323.I 1323.I 1329.I 1358.4 1386.9 1414.9
460 470 480 490 500 510 520 530 540 560 570 580 590 610 620 630 640	1.198 1.221 1.243 1.265 1.287 1.309 1.330 1.350 1.371 1.411 1.430 1.450 1.469 1.488 1.507 1.526 1.544 1.562 1.581 1.669 1.755 1.839 1.921	400 [444.8] 1.4821 1.4943 1.5020 1.5094 1.5167 1.5238 1.5307 1.5374 1.5440 1.5505 1.5682 1.5690 1.5749 1.5864 1.5921 1.59276 1.6030 1.6030 1.6038 1.6136 1.6387 1.6622	1202.5 1213.6 1220.7 1227.7 1234.6 1241.3 1248.0 1254.6 1261.1 1267.5 1273.8 1280.0 1286.2 1292.4 1292.5 1304.5 1310.5 1310.5 1310.5 1312.3 1322.3 1328.1	1.107 1.131 1.153 1.175 1.196 1.217 1.238 1.258 1.278 1.318 1.337 1.356 1.375 1.393 1.412 1.448 1.466 1.483	420 [449.6] 1.4773 1.4858 1.4937 1.5013 1.5087 1.5159 1.5230 1.5298 1.5365 1.5431 1.5495 1.5557 1.5619 1.5679 1.5738 1.5796 1.5738 1.5796 1.5796 1.5852 1.5908 1.59	1202.4 1210.2 1217.4 1224.5 1231.5 1238.4 1245.2 1251.9 1258.5 1271.4 1277.8 1284.1 1290.3 1296.4 1302.5 1314.6 1314.6 1320.5 1326.4	1.056 1.069 1.012 1.113 1.154 1.174 1.193 1.213 1.225 1.270 1.288 1.307 1.325 1.342 1.360 1.377 1.395 1.412 1.429 1.511 1.590	440 [454-2] 1.4776 1.4856 1.4934 1.5010 1.5083 1.5155 1.5225 1.5225 1.5244 1.5488 1.5550 1.5611 1.5670 1.5729 1.5729 1.5789 1.5843 1.5899 1.5954	1202.3 1206.7 1214.1 1221.3 1228.5 1235.5 1242.4 1249.2 1255.9 1262.5 1275.5 1281.9 1288.2 1294.4 1300.6 1306.7 1312.8 1318.8 1324.8	1.010 1.013 1.034 1.055 1.075 1.1095 1.1153 1.172 1.190 1.227 1.244 1.266 1.313 1.329 1.346 1.362 1.442 1.519	460 [458.7] 1.4696 1.4778 1.4857 1.4934 1.5009 1.5082 1.5153 1.5222 1.5289 1.5420 1.5483 1.5545 1.5665 1.5723 1.5723 1.5723 1.5836 1.5723 1.5945 1.6204 1.6445	1202.1 1203.1 1210.7 1218.1 1225.4 1232.5 1239.6 1246.5 1253.3 1260.0 1266.7 1273.2 1279.7 1286.1 1292.4 1304.8 1301.0 1317.0 1323.1 1329.1 1358.4 1386.9

Pres- sure		<b>480</b> [463.1]			<b>500</b> [467.2]			<b>550</b> [477.2]			<b>600</b> [486.5]	
Temp	v	s ·	i	v	s	i	v	s	i	v	s	i
Sat.	0.968	1.4643	1201.9	0.928	1.4601	1201.7	0.842	1.4505	1200.8	0.770	1.4414	1199.8
470	0.982	1.4700	1207.3	0.934	1.4625	1203.8						
480 490	I.002	1.4781	1214.8	·954 ·973	1.4707	1211.5	0.848	1.4529	1203.1	0.776	1.4444	1202.6
		- 1006	- a a o . r	Fab.		T006 =	004					
510	1.042	1.4936	1229.5	0.992	1.4865	1226.5	0.884	1.4694	1218.8	0.794	1.4530	1210.8
520	1.080	1.5082	1243.7	1.030	1.5014	1240.9	.920	1.4849	1233.8	.828	1.4693	1226.5
530	1.099	1.5152	1250.7	1.048	1.5086	1248.0	.937	1.4923	1241.2	.844	1.4770	1234.2
540	1.117	1.5221	1257.5	1.066	1.5155	1254.9	•954	1.4996	1248.4	.860	1.4845	1241.7
550	1.135	1.5288	1264.2	1.083	1.5223	1261.8	0.971	1.5067	1255.5	0.876	1.4918	1249.0
560 570	1.152	1.5354	1270.9	1.100	1.5290	1268.5	0.987	1.5136	1262.5	.892	1.4990	1256.3
580	1.187	1.5480	1283.9	1.134	1.5418	1281.7	1.019	1.5269	1276.2	.922	1.5128	1270.4
590	1.204	1.5542	1290.3	1.151	1.5481	1288.2	1.034	1.5333	1282.9	.937	1.5194	1277.4
600	1.221	1.5602	1296.6	1.167	1.5542	1294.6	1.050	1.5396	1289.5	0.951	1.5259	1284.2
610	1.237	1.5661	1302.9	1.183	1.5601	1301.0	1.065	1.5457	1296.0	.966	1.5322	1291.0
620	1.254	1.5719	1309.1	1.199	1.5659	1307.3	1.080	1.5518	1302.5	.980	1.5384	1297.6
630 640	1.270	1.5776	1315.3	1.215	1.5717	1313.5	1.094	1.5577	1308.9	1.008	1.5445	1304.2
650	1.302	1.5886	1327.4	1.246	1.5828	1325.7	1.123	1.5691	1321.5	1.021	1.5563	1317.2
700	1.302	1.5147	1357.0	1.320	1.5020	1355.6	1.123	1.5961	1352.1	1.021	1.5839	1348.5
750	1.453	1.6390	1385.8	1.392	1.6337	1384.6	1.260	1.6211	1381.7	1.149	1.6094	1378.7
800	1.525	1.6618	1414.0	1.462	1.6567	1413.0	1.324	1.6445	1410.5	1.209	1.6331	1408.0
850	1.595	1.6834	1441.7	1.529	1.6784	1440.9	1.387	1.6665	1438.8	1.267	1.6555	1436.7
<b>900</b> 950	1.664	1.7041	1469.3	1.596	1.6991	1468.6	1.448	1.6875	1466.8	1.324	1.6767	1465.0
930	1./31	1.7239	1496.7	1.661	1.7190	1496.1	1.508	1.7075	1494.6	1.380	1.6969	1493.0
930	1./31	650	1490.7	1.001	700	1496.1	1.508	750	1494.6	1.380	800	1493.0
		<b>650</b> [495.2]			<b>700</b> [503.4]			750 [511.1]			<b>800</b> [518.5]	
Sat.	0.708	650	1198.7	0.656	700	1197.4	0.610	750	1195.9	0.570	800	1194.4
<b>Sat.</b> 510	0.708	650 [495.2] 1.4330 1.4458	1198.7	0.656	700 [503.4] 1.4250 1.4309	1197.4	0.610	<b>750</b> [511.1]	1195.9	0.570	800 [518.5]	1194.4
Sat. 510 520	o.708 o.733 .750	650 [495.2] 1.4330 1.4458 1.4542	1198.7 1211.0 1219.1	0.656 0.667 .682	700 [593.4] 1.4250 1.4399 1.4396	1197.4 1203.0 1211.5	0.610	750 [511.1] 1.4175 	1195.9	0.570	800 [518.5] 1.4104 	1194.4
<b>Sat.</b> 510	0.708	650 [495.2] 1.4330 1.4458	1198.7	0.656	700 [503.4] 1.4250 1.4309	1197.4	0.610	<b>750</b> [511.1]	1195.9	0.570	800 [518.5]	1194.4
Sat. 510 520 530 540	0.708 0.733 .750 .766 .781	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700	1198.7 1211.0 1219.1 1227.0 1234.8	0.656 0.667 .682 .697 .712	700 [503-4] 1.4250 1.4309 1.4396 1.4480 1.4561	1197.4 1203.0 1211.5 1219.7 1227.8	0.610  0.623 .638 .653	750 [511.1] 1.4175  1.4255 1.4342 1.4426	1195.9  1203.7 1212.3 1220.6	0.570  0.572 .586 .600	800 [518.5] 1.4104  1.4117 1.4207 1.4295	1194.4  1195.8 1204.6 1213.3
Sat. 510 520 530 540 550	0.708 0.733 .750 .766	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700	1198.7 1211.0 1219.1 1227.0 1234.8	0.656 0.667 .682 .697 .712	700 [503-4] 1.4250 1.4309 1.4396 1.4480 1.4561 1.4640	1197.4 1203.0 1211.5 1219.7 1227.8	0.610  0.623 .638	750 [511.1] 1.4175  1.4255 1.4342 1.4426	1195.9  1203.7 1212.3 1220.6	0.570  0.572 .586	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379	1194.4  1195.8 1204.6 1213.3
Sat. 510 520 530 540 560 560 570	0.708 0.733 .750 .766 .781 0.796 .811 .826	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3	0.656 0.667 .682 .697 .712 0.727 .741 .756	700 [593-4] 1.4250 1.4399 1.4396 1.4480 1.4561 1.4640 1.4716 1.4791	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1	0.610 0.623 .638 .653 0.667 .681	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4587 1.4664	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8	0.570  0.572 .586 .600 0.614 .628 .641	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3
Sat. 510 520 530 540 560 570 580	0.708 0.733 .750 .766 .781 0.796 .811 .826	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922 1.4992	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6	0.656 0.667 .682 .697 .712 0.727 .741 .756	700 [593.4] 1.4250 1.4399 1.4396 1.4480 1.4561 1.4716 1.4716 1.4791 1.4864	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6	0.610 0.623 .638 .653 0.667 .681 .695	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6	0.570  0.572 .586 .600 0.614 .628 .641	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4541	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4
510 520 530 540 <b>550</b> 560 570 580 590	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922	11198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8	0.656 0.667 .682 .697 .712 0.727 .741 .756	700 [593-4] 1.4250 1.4399 1.4396 1.4480 1.4561 1.4640 1.4716 1.4791	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1	0.610 0.623 .638 .653 0.667 .681	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739 1.4812	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2	0.570  0.572 .586 .600 0.614 .628 .641	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2
Sat. 510 520 530 540 550 570 580 590 600	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4992 1.5061 1.5128	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4561 1.4640 1.4716 1.4791 1.4864 1.4934	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739 1.4812 1.4883	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2
Sat. 510 520 530 540 560 570 580 590 600 610	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4992 1.5061 1.5128 1.5193	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4561 1.4640 1.4716 1.4791 1.4864 1.4934 1.5003 1.5003	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721	750 [511.1] 1.4175 1.4255 1.4342 1.4426 1.4588 1.4587 1.4664 1.4739 1.4812 1.4883 1.4953	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2
Sat. 510 520 530 540 560 570 580 590 600 610 620	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4776 1.4850 1.4992 1.5061 1.5128 1.5193 1.5257	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796 .809	700 [503.4] 1.4250 1.4309 1.4396 1.4460 1.4716 1.4791 1.4864 1.4934 1.5003 1.5071 1.5137	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0	0.610 0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4508 1.4564 1.4739 1.4664 1.4739 1.4812 1.4883 1.4953 1.5020	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2	0.570  0.572 .586 .600 0.614 .624 .641 .654 .667 0.679 .691 .703	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4908	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1
Sat. 510 520 530 540 550 560 570 580 590 600 610	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4992 1.5061 1.5128 1.5193	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4561 1.4640 1.4716 1.4791 1.4864 1.4934 1.5003 1.5003	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721	750 [511.1] 1.4175 1.4255 1.4342 1.4426 1.4588 1.4587 1.4664 1.4739 1.4812 1.4883 1.4953	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9
Sat. 510 520 530 540 550 550 570 580 590 610 620 630	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895 .908	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4992 1.5061 1.5128 1.5193 1.5257 1.5320 1.5381	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6 1299.4 1306.1	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796 .809 .822 .835	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4561 1.4640 1.4716 1.4791 1.4864 1.5003 1.5071 1.5137 1.5201 1.5264	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0 1273.3 1280.5 1287.5 1294.5 1301.4	0.610 0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .771 .783	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4588 1.4587 1.4664 1.4739 1.4812 1.4883 1.4953 1.5020 1.5086 1.5151	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2 1267.7 1275.1 1282.3 1289.5 1296.5	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715 .727	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4908 1.4908 1.4976 1.5042	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1 1284.4 1291.6
<b>Sat.</b> 510 520 530 540 <b>550</b> 560 570 580 600 610 620 630 640 <b>650</b> 660	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895 .908	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922 1.4992 1.5061 1.5128 1.5128 1.5128 1.5128	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1282.8 1282.6 1299.4	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796 .809 .822 .835 .847	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4561 1.4640 1.4716 1.4791 1.4864 1.5003 1.5073 1.5137 1.5201	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1273.3 1280.5 1287.5 1294.5	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .771	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4732 1.4883 1.4953 1.4953 1.4953	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2 1267.7 1275.1 1282.3 1289.5	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4618 1.4618 1.4619 1.4767 1.4839 1.4908 1.4908 1.4976	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1 1284.4
Sat.  510 520 530 540  550 560 570 580 590  610 620 630 640  650 660 670	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .908 .908 .921 0.934 .947 .960	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922 1.5061 1.5128 1.5128 1.5257 1.5320 1.5381	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6 1299.4 1306.1 1312.7 1319.2 1325.7	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796 .809 .829 .835 .847 0.860 .872 .884	700 [503.4] 1.4250 1.4399 1.4396 1.4480 1.4716 1.4791 1.4864 1.5003 1.5071 1.5137 1.5201 1.5264	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0 1273.3 1280.5 1287.5 1301.4 1308.2 1314.9 1321.5	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .771 .783	750 [511.1] 1.4175 1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739 1.4812 1.4883 1.5020 1.5086 1.5151 1.5214 1.5276 1.5336	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2 1267.7 1275.1 1282.3 1289.5 1296.5	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715 .727	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4976 1.5042 1.5107 1.5170 1.5232	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1 1284.4 1291.6
Sat. 510 520 530 540 560 570 680 660 660 660 660 6680	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895 .908 .921 0.934 .947 .960 .972	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922 1.4992 1.5061 1.5128 1.5193 1.5257 1.5320 1.5320 1.5381 1.5449 1.5499 1.5557 1.5491 1.5491	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6 1299.4 1306.1 1312.7 1319.2 1325.7 1332.1	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .889 .822 .835 .847 0.860 .872 .884 .896	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4716 1.4791 1.4864 1.5003 1.5071 1.5137 1.5264 1.5264 1.5325 1.5385 1.53444 1.5502	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1273.3 1280.5 1287.5 1294.5 1301.4 1308.2 1314.9 1321.5 1328.1	0.610 0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .771 .783 0.795 .807 .818 .830	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739 1.4812 1.4883 1.4953 1.5020 1.5086 1.5151 1.5214 1.5276 1.5336 1.53496	1195.9 1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1267.7 1275.1 1282.3 1289.5 1303.5 1310.4 1317.2 1323.9	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .7127 0.738 .749 .760 .771	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4908 1.4906 1.5047 1.5107 1.5170 1.5232 1.5293	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1 1284.4 1298.8 1305.8 1312.8 1312.8
Sat.  510 520 530 540  560 570 580 690  600 610 620 630 640  650 660 670 680 690	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895 .908 .921 0.934 .947 .960 .972 .984	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4992 1.5061 1.5128 1.5128 1.5128 1.5257 1.5320 1.5381 1.5441 1.5499 1.5557 1.5614 1.5669	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6 1299.4 1306.1 1312.7 1319.2 1325.7 1332.1 1338.5	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .889 .822 .835 .847 0.860 .872 .884 .896 .908	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4716 1.4716 1.4791 1.4864 1.5003 1.5073 1.5201 1.52264 1.5325 1.5385 1.5344 1.5502 1.5559	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1258.6 1266.0 1273.3 1280.5 1287.5 1301.4 1308.2 1314.9 1321.5 1328.1 1334.6	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .771 .783 0.795 .807 .818 .830 .841	750 [511.1] 1.4175 1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4753 1.4853 1.4853 1.4953 1.5020 1.5086 1.5151 1.5214 1.5226 1.5336 1.5496 1.5454	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2 1267.7 1275.1 1282.3 1289.5 1296.5 1303.5 1310.4 1317.2 1323.9 1330.6	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715 .727 0.738 .749 .760 .771 .782	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4908 1.4976 1.5107 1.5232 1.5232 1.5233 1.5353	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1 1284.4 1291.6 1298.8 1305.8 1312.8 1312.8 1312.6
Sat.  510 520 530 540  550 560 570 580 590  600 610 620 630 640  650 660 670 680 690 700	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .908 .921 0.934 .947 .960 .972 .984 0.997	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922 1.5061 1.5128 1.5128 1.5257 1.5320 1.5381 1.5441 1.5449 1.5567 1.5669	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6 1299.4 1306.1 1312.7 1319.2 1325.7 1332.1 1338.5	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796 .809 .822 .835 .847 0.860 .872 .884 .896 .908	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4716 1.4716 1.4791 1.4864 1.5003 1.5071 1.5137 1.5201 1.5264 1.5325 1.5385 1.5444 1.5502 1.5559	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0 1273.3 1280.5 1287.5 1301.4 1308.2 1314.9 1321.5 1328.1 1334.6	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .807 .818 .830 .841	750 [511.1] 1.4175 1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739 1.4812 1.4883 1.5020 1.5020 1.5026 1.5151 1.5214 1.5276 1.5336 1.5496 1.5454	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2 1267.7 1275.1 1282.3 1296.5 1303.5 1310.4 1317.2 1323.9 1330.6	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715 .727 0.738 .749 .760 .771 .782	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4976 1.5042 1.5107 1.5232 1.5232 1.5293 1.5353	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1267.5 1277.1 1284.4 1291.6 1298.8 1312.8 1312.8 1319.7 1326.5
\$\frac{510}{520}\$ \$\frac{520}{530}\$ \$\frac{540}{560}\$ \$\frac{560}{570}\$ \$\frac{620}{630}\$ \$\frac{640}{660}\$ \$\frac{650}{670}\$ \$\frac{680}{690}\$	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895 .908 .921 0.934 .947 .960 .972 .984	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922 1.5061 1.5128 1.5193 1.5257 1.5320 1.5320 1.5320 1.5441 1.5499 1.5557 1.5614 1.5669	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6 1306.1 1312.7 1319.2 1325.7 1332.1 1338.5 1344.8 1375.6	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796 .809 .822 .835 .847 0.860 .872 .884 .896 .908	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4716 1.4791 1.4864 1.5003 1.5071 1.5137 1.5264 1.5325 1.5385 1.53444 1.5502 1.5559 1.5615 1.5880	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0 1273.3 1280.5 1294.5 1301.4 1308.2 1314.9 1321.5 1328.1 1334.6 1341.0 1372.4	0.610 0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .771 .783 0.795 .807 .818 .830 .841 0.852 .905	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739 1.4812 1.4883 1.4953 1.5026 1.5151 1.5214 1.5276 1.5336 1.5496 1.5454 1.55511 1.5781	1195.9 1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1267.7 1275.1 1282.3 1289.5 1303.5 1310.4 1317.2 1323.9 1330.6 1337.2 1369.2	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715 .727 0.738 .749 .760 .771 .782	800 [518.5] 1.4104  1.4117 1.4207 1.4295 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4908 1.4976 1.5107 1.5232 1.5232 1.5233 1.5353	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1 1284.4 1291.6 1298.8 1305.8 1312.8 1319.7 1326.5
Sat. 510 520 530 540 560 560 570 580 590 610 620 630 640 650 660 6670 680 690 700 750	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895 .908 .921 0.934 .947 .960 .972 .984 0.997 1.056	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4922 1.5061 1.5128 1.5128 1.5257 1.5320 1.5381 1.5441 1.5449 1.5567 1.5669	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1278.8 1285.8 1292.6 1299.4 1306.1 1312.7 1319.2 1325.7 1332.1 1338.5	0.656 0.667 .682 .697 .712 0.727 .741 .756 .769 .783 0.796 .809 .822 .835 .847 0.860 .872 .884 .896 .908	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4716 1.4716 1.4791 1.4864 1.5003 1.5071 1.5137 1.5201 1.5264 1.5325 1.5385 1.5444 1.5502 1.5559	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1266.0 1273.3 1280.5 1287.5 1301.4 1308.2 1314.9 1321.5 1328.1 1334.6	0.610  0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .807 .818 .830 .841	750 [511.1] 1.4175 1.4255 1.4342 1.4426 1.4508 1.4587 1.4664 1.4739 1.4812 1.4883 1.5020 1.5020 1.5026 1.5151 1.5214 1.5276 1.5336 1.5496 1.5454	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2 1267.7 1275.1 1282.3 1296.5 1303.5 1310.4 1317.2 1323.9 1330.6	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715 .727 0.738 .749 .760 .771 .782	800 [518.5] 1.4104  1.4207 1.4225 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4908 1.4908 1.5042 1.5107 1.5232 1.5232 1.5233 1.5411 1.5687	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1267.5 1277.1 1284.4 1291.6 1298.8 1305.8 1312.8 1319.7 1326.5
Sat. 510 520 530 540 560 570 580 590 610 620 630 640 650 660 670 680 690	0.708 0.733 .750 .766 .781 0.796 .811 .826 .840 .854 0.868 .882 .895 .908 .921 0.934 .947 .960 .972 .984 0.997 1.056 1.112	650 [495.2] 1.4330 1.4458 1.4542 1.4622 1.4700 1.4776 1.4850 1.4992 1.5061 1.5128 1.5193 1.5257 1.5320 1.5381 1.5441 1.5459 1.5557 1.5669	1198.7 1211.0 1219.1 1227.0 1234.8 1242.5 1250.0 1257.3 1264.6 1271.8 1285.8 1292.6 1299.4 1306.1 1312.7 1319.2 1325.7 1332.1 1338.5 1344.8 1375.6 1405.4	0.656 0.667 0.682 .697 .712 0.727 .741 .756 .769 .889 .822 .835 .847 0.860 .872 .884 .908 0.919 0.975 1.029	700 [503.4] 1.4250 1.4309 1.4396 1.4480 1.4716 1.4791 1.4864 1.5003 1.5071 1.5137 1.5201 1.5264 1.5325 1.5385 1.5444 1.5502 1.5559 1.5615 1.5880 1.6125	1197.4 1203.0 1211.5 1219.7 1227.8 1235.7 1243.5 1251.1 1258.6 1273.3 1280.5 1287.5 1294.5 1308.2 1314.9 1321.5 1328.1 1334.6 1341.0 1372.4 1402.7	0.610 0.623 .638 .653 0.667 .681 .695 .708 .721 0.734 .746 .759 .771 .783 0.795 .807 .818 .830 .841 0.852 .905 .956	750 [511.1] 1.4175  1.4255 1.4342 1.4426 1.4588 1.4587 1.4664 1.4739 1.4812 1.4883 1.4953 1.5020 1.5020 1.5151 1.5214 1.5276 1.5326 1.5454 1.5454 1.5511 1.5781	1195.9  1203.7 1212.3 1220.6 1228.8 1236.9 1244.8 1252.6 1260.2 1267.7 1275.1 1282.3 1289.5 1303.5 1310.4 1317.2 1323.9 1330.6	0.570  0.572 .586 .600 0.614 .628 .641 .654 .667 0.679 .691 .703 .715 .727 0.738 .749 .760 .771 .782	800 [518.5] 1.4104  1.4207 1.4225 1.4379 1.4461 1.4541 1.4618 1.4694 1.4767 1.4839 1.4908 1.4976 1.5107 1.5170 1.5232 1.5232 1.5233 1.5411 1.5687 1.5941	1194.4  1195.8 1204.6 1213.3 1221.8 1230.2 1238.3 1246.4 1254.2 1261.9 1269.5 1277.1 1284.4 1291.6 1395.8 1312.8 1312.8 1312.8 1312.5 1312.8 1312.8 1312.8 1312.8 1312.8 1312.8 1312.8 1312.8 1312.8 1312.8 1312.8 1312.8

## PRESSURES IN INCHES OF MERCURY

Temp.	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
190	19.01	19.05	19.09	19.13	19.18	19.22	19.26	19.30	19.34	19.38
191	19.42	19.47	19.51	19.55	19.59	19.63	19.67	19.72	19.76	19.80
192	19.84	19.88	19.93	19.97	20.01	20.05	20.10	20.14	20.18	20.22
193	20.27	20.31	20.35	20.40	20.44	20.48	20.53	20.57	20.61	20.66
194	20.70	20.74	20.79	20.83	20.88	20.92	20.96	21.01	21.05	21.10
195	21.14	21.19	21.23	21.28	21.32	21.37	21.41	21.46	21.50	21.55
196	21.59	21.64	21.68	21.73	21.77	21.82	21.86	21.91	21.96	22.00
197	22.05	22.09	22.14	22.19	22.23	22.28	22.33	22.37	22.42	22.47
198	22.51	22.56	22.61	22.65	22.70	22.75	22.80	22.84	22.89	22.94
199	22.99	23.03	23.08	23.13	23.18	23.23	23.27	23.32	23.37	23.42
200	23.47	23.52	23.56	23.61	23.66	23.71	23.76	23.81	23.86	23.91
201	23.96	24.00	24.05	24.10	24.15	24.20	24.25	24.30	24.35	24.40
202	24.45	24.50	24.55	24.60	24.66	24.71	24.76	24.81	24.86	24.91
203	24.96	25.01	25.06	25.11	25.16	25.22	25.27	25.32	25.37	25.42
204	25.47	25.53	25-58	25.63	25.68	25.74	25.79	25.84	25.89	25.95
205	26.00	26.05	26.10	26.16	26.21	26.26	26.32	26.37	26.42	26.48
206	26.53	26.59	26.64	26.69	26.75	26.80	26.86	26.91	26.96	27.02
207	27.07	27.13	27.18	27.24	27.29	27.35	27.40	27.46	27.51	27.57
208	27.62	27.68	27.74	27.79	27.85	27.90	27.96	28.02	28.07	28.13
209	28.18	28.24	28.30	28.35	28.41	28.47	28.53	28.58	28.64	28.70
210	28.75	28.81	28.87	28.93	28.99	29.04	29.10	29.16	29.22	29.28
211	29.33	29.39	29.45	29.51	29.57	29.63	29.69	29.75	29.80	29.86
212	29.92	29.98	30.04	30.10	30.16	30.22	30.28	30.34	30.40	30.46
213	30.52	30.58	30.64	30.70	30.76	30.82	30.88	30.94	31.00	31.06

## TEMPERATURES, FAHRENHEIT

Pressure, in. of Hg.	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
20 21 . 22 23 24	192.37 194.68 196.90 199.03 201.09	192.61 194.91 197.12 199.24 201.29	192.84 195.13 197.33 199.45 201.49	193.08 195.35 197.54 199.66 201.69	193.31 195.58 197.76 199.86 201.89	193.54 195.80 197.97 200.07 202.09	193.77 196.02 198.19 200.27 202.29	194.00 196.24 198.40 200.48 202.49	194.23 196.46 198.61 200.69 202.69	194.46 196.68 198.82 200.89 202.88
25 26 27 28 29 30	203.08 205.00 206.87 208.67 210.43	203.28 205.19 207.05 208.85 210.60	203.47 205.38 207.23 209.03 210.77	203.66 205.57 207.41 209.20 210.94 212.63	203.86 205.76 207.60 209.38 211.11	204.05 205.94 207.78 209.56 211.28	204.24 206.13 207.96 209.73 211.45	204.43 206.31 208.14 209.91 211.62	204.62 206.50 208.32 210.08 211.79	204.81 206.69 208.49 210.25 211.96

Temp., ° F.	Sat. pres- sure, lb. per sq. in.	Volume, cu. ft. per lb.	Weight, lb. per cu. ft.	144 Apv'	Specific heat	Temp.,	Sat. pressure, lb. per sq. in.	Volume, cu. ft. per lb.	Weight, lb. per cu. ft.	144 Apv'	Specific heat.
20	0.050	0.01603	62.37	0.000	1.0210	370	173.2	0.01829	54.66	0.585	1.053
30	.081	.01602	62.42	.000	1.0104	380	195.6	.01843	54.25	.665	1.057
40	.122	.01602	62.43	.000	1.0048	390	220.1	.01857	53.84	.754	1.062
50	0.178	0.01602	62.42	0,001	1.0015	400	247	0.0187	53.42	0.855	1.067
60	.256	.01603	62.37	.001	0.9995	410	276	.0189	52.99	0.966	1.072
70	.363	.01605	62.30	.001	.9982	420	308	.0190	52.55	1.09	1.078
80	.507	.01607	62.22	.002	.9975	430	343	.0192	52.11	1.22	1.083
90	.698	.01610	62.11	.002	-9971	440	381	.0194	51.66	1.37	1.089
100	0.949	0.01613	62.00	0.003	0.9970	450	422	0.0195	51.2	1.53	1.095
110	1.274	.01616	61.86	.004	.9971	460	466	.0197	50.7	1.70	1.101
120	1.692	.01620	61.71	.005	.9974	470	514	.0199	50.2	1.89	1.107
130	2.221	.01625	61.55	.007	.9978	480	565	.0201	49.7	2.10	1.114
140	2.887	.01629	61.38	.009	.9984	490	620	.0203	49.2	2.33	1.121
150	3.716	0.01634	61.20	0.011	0.9990	500	679	0.0205	48.7	2.58	1.130
160	4.739	.01639	61.00	.014	0.9998	510	743	.0208	48.2	2.86	1.140
170	5.99	.01645	60.80	.019	1.0007	520	810	.0210	47.6	3.15	1.151
180	7.51	.01651	60.58	.024	1.0017	530	883	.0212	47.1	3.47	1.164
190	9.34	.01657	60.36	.030	1.0028	540	960	.0215	46.5	3.82	1.181
200	11.53	0.01663	60.12	0.036	1.0039	550	1043	0.0218	45.9	4.21	1.200
210	14.12	.01670	59.88	.044	1.0052	560	1131	.0221	45.2	4.62	1.222
220	17.19	.01677	59.63	.053	1.0068	570	1224	.0224	44.6	5.07	1.249
230	20.78	.01684	59.37	.064	1.0085	580	1323	.0227	44.0	5.57	1.281
240	24.97	.01692	59.11	.078	1.0104	590	1429	.0231	43.3	6.11	1.318
250	29.83	0.01700	58.83	0.094	1.0125	600	1540	0.0235	42.6	6.70	1.362
260	35.44	.01708	58.55	.112	1.0148	610	1659	.024	41.8	7.35	1.415
270	41.87	.01716	58.26	.133	1.0173	620	1784	.024	41.0	8.1	1.479
280	49.22	.01725	57.96	.157	1.020	630	1917	.025	40.2	8.8	1.559
290	57.57	.01735	57.65	.185	1.023	640	2057	.025	39.2	9.7	1.661
300	67.02	0.01745	57.32	0.217	1.026	650	2205	0.026	38.2	10.7	1.793
310	77.68	.01755	56.98	.254	1.029	660	2361	.027	37.2	11.8	
320	89.65	.01766	56.62	.295	1.033	670	2526	.028	36.0	13.0	
330	103.0	.01778	56.24	.341	1.036	680	2699	.029	34.5	14.5	
340	118.0	.01790	55.85	.392	1.040	690	2882	.031	32.6	16.4	
350	134.6	0.01803	55.46	0.449	1.044	700	3075	0.034	29.7	19.2	
360	153.0	.01816	55.06	.513	1.048	706.3	3200	.048	20.9	28.4	

TABLE & MIXTHRES OF AIR AND SATURATED WATER VAPOR

Temp., F. In. of Hg.			weight of sa	weight of saturated vapor		Volume	Volume in cu. it.	Host contont		† Heat content
In. of H	-	per cu. ft.	1. ft.	per lb. of dry air	dry air	of 1 lb. of dry	of I lb. of dry	in B.t.u. of 1 lb	Latent heat of vapor, B.t.u.	in B.t.u. of 1 lb.
	g. Lb. per sq. in.	Pounds	Grains	Pounds	Grains	air	saturate it	above of F.		rate it
27.00	0 0184	0.0000674	0.472	0.000781	5.47	11.58	11.50	0.0	0.064	0.064
0.03/3	_	9720000	522	09800	6.08	11.62	11.65	0.482	1.071	1.553
2900		0000822	925	.000062	6.74	11.68	11.70	0.064	1.186	2.150
2		6200000	979	200100	7 7 7	11 73	11 76	1 446	1 213	027.0
2120.		gogooo.	500.	181100	7 × ×	24.17	200	0000	277.1	2000
20201	6220.	1001000.	10/.	.001103	0.20	0/:17	00:11	1.920	1.455	3.303
8000	20000	0.0001103	0.772	0.001300	9.16	11.83	11.86	2.411	1.608	4.010
2000		0001103	0.00	001447	10.13	200.11	11.01	2.803	1.776	4.660
920	_	.000124	200	001100	11.10	11 04	11 07	2 2 7 5	1 061	E 226
9,80	0/50.	45,1000	25.6.	965100	10.01	11 00	16:11	200	2001	0.00
400.	_	791000	1.020	40/100	12.53	66.11	12.02	3.030	201.2	0.020
.0932	-	101000	1.120	.001940	13.02	12.04	12.00	4.340	2.303	0.723
0.1027	0.0504	0.000177	1.237	0.002144	15.01	12.00	12.13	4.823	2.623	7.446
.1130		000104	1.356	.002360	16.52	12.14	12.19	5.305	2.885	8.190
124		.000212	1.485	.002596	18.17	12.19	12.24	5.787	3.170	8.957
136		.000232	1.625	.002854	86.61	12.24	12.30	6.270	3.482	9.752
1499	0.0736	.000254	1.776	.003134	21.94	12.29	12.35	6.752	3.821	10.573
0 1646		87,000,0	1.043	0.003444	24.11	12.34	12.41	7.234	4.195	11.429
180	2887	000303	2.124	.002782	26.47	12.30	12.47	7.716	4.058	11.783
887		.000323	2.206	.002028	27.57	12.41	12.40	2.06	4.22	12.18
7591.	1960.	.000327	2.292	004100	28.70	12.44	12.52	8.20	4.40	12.60
			c	0	00		1	C	1	
0.2030	0	0.000340	2.380	0.004200	29.00	12.47	12.55	0.44	4.57	13.02
6112.	_	.000353	2.471	.004442	31.09	12.49	12.58	8.08	4.70	13.44
.2204		.000367	2.566	.004622	32.35	12.52	12.61	8.93	4.95	13.87
.2292	11126	.000381	2.663	.004809	33.66	12.54	12.64	9.17	5.14	14.31
.2384	1711.	.000395	2.764	.005002	35.01	12.57	12.67	9.41	5.35	14.76
			000		3.	1		4	1	3
0.2470	_	0.000410	2.000	0.005202	30.41	12.59	17./0	9.03	2.20	13.21
.2576		.000425	2.976	.005410	37.87	12.62	12.73	9.89	5.78	15.07
32928	_	.000441	3.087	.005625	39.38	12.64	12.76	10.14	10.9	16.14
.2783	1367	.000457	3.201	.005848	40.93	12.67	12.79	10.38	6.24	16.62
.2891	7.0	.000474	3.319	8209000	42.55	12.69	12.82	10.62	6.48	17.10

• Below 32° F. the pressure of saturated vapor in contact with ice is given. † Values in this column do not include the heat of the liquid. Below 32°F. the heat of sublimation of ice is included.

TABLE 6. MIXTURES OF AIR AND SATURATED WATER VAPOR

			TABLE 6.	MIXTURE	MIXTURES OF AIR	AND SATU	RATED WA	SATURATED WATER VAPOR	~		
	Pressure of sa	Pressure of saturated vapor	-	Weight of saturated vapor	urated vapor		Volume in cu. ft.	in cu. ft.	Heat content		* Heat content
Temp.,	FH of H	The second	per c	per cu. ft.	per lb. o	per lb. of dry air	of 1 lb. of dry	of 1 lb. of dry	in B.t.u. of 1 lb	Latent heat of vapor, B.t.u.	in B.t.u. of I lb. of dry air with vapor to satu-
	977	on be set ur.	Pounds	Grains	Pounds	Grains		saturate it	above of F.		rate it
45	0.3003	0.1475	0.000492	3.442	0.00632	44.21	12.72	12.85	10.86	6.73	17.59
46	.3120	.1532	.000510	3.568	95900.	45.94	12.74	-12.88	01.11	6.99	18.09
47	.3240	1591	.000528	3.698	.00682	47.73	12.77	12.91	11.34	7.26	18.60
48	.3364	.1652	.000547	3.832	80200.	49.58	12.79	12.94	11.58	7.54	19.12
49	.3492	.1715	.000567	3.970	.00736	51.49	12.82	12.97	11.83	7.83	19.62
20	0.3624	0.1780	0,000,88	4 112	0.00764	72 47	12 84	12	10 01	8 13	01.00
Z I	.3761	1848	000000	4.260	.00703	55.52	12.87	13.03	12.31	8.43	20.74
22	.3903	7101.	00000	4.411	.00823	57.64	12.80	13.07	12.55	27.72	21.30
53	.4049	6861.	.000653	4.568	.00855	59.83	12.92	13.10	12,79	80.6	21.87
54	.4200	.2063	929000	4.729	.00887	62.09	12.95	13.13	13.03	9.41	22.45
1											
20	0.4356	0.2140	0.000699	4.895	0.00920	64.43	12.97	13.16	13.28	9.76	23.04
26	.4517	.2219	.000724	3.066	.00955	66.85	13.00	13.20	13.52	10.13	23.64
57	.4684	.2300	.000749	5.242	16600	69.35	13.02	13.23	13.76	10.50	24.25
28	.4855	.2384	.000775	5.424	.01028	71.93	13.05	13.26	14.00	10.89	24.88
29	.5032	.2471	.000802	5.611	99010.	74.60	13.07	13.30	14.24	11.28	25.52
09	0.5214	0.2561	0.000829	5.804	0.01105	77.3	13.10	13.33	14.48	11.69	26.18
19	.5403	.2654	.0008	6.003	01146	80.2	13.12	13.36	14.72	12.12	26.84
62	.5597	.2749	.000887	6.208	88110.	83.2	13.15	13.40	14.97	12.56	27.52
63	.5798	.2848	719000.	6.418	.01231	86.2	13.17	13.43	15.21	13.01	28.22
64	.6005	.2949	.000948	6.633	.01276	89.3	13.20	13.47	15.45	13.48	28.93
99	0.6218	0.3054	0.000979	6.855	0.01323	92.6	13.22	13.50	15.69	13.96	29.65
99	.6438	.3162	.001012	7.084	.01370	95.9	13.25	13.54	15.93	14.46	30.39
49	1,6664	.3273	940100	7.320	.01420	99.4	13.27	13.58	16.18	14.97	31.15
89	8689.	.3388	080100	7.563	.01471	103.0	13.30	13.61	16.42	15.50	31.92
69	.7139	.3506	911100.	7.813	.01524	9.901	13.32	13.65	16.66	16.05	32.71
02	0.7386	0.3628	0.001153	8.069	0.01578	110.5	13.35	13.69	16.90	16.61	33.51
71.	.7642	.3754	001100	8.332	.01634	114.4	13.38	13.73	17.14	17.19	34.33
72	9064.	.3883	.001229	8.603	26910.	118.4	13.40	13.76	17.38	62.71	35.17
73	.8177	9104.	.001269	8.882	.01751	122.6	13.43	13.80	17.63	18.41	36.03
74	.8456	.4153	.001310	9.168	.01813	126.9	13.45	13.84	17.87	19.05	36.91
				*	* Volume in this of	and the state of t	Limit of the hood of the	Louis			

\* Values in this column do not include the heat of the liquid.

TABLE 6. MIXTURES OF AIR AND SATURATED WATER VAPOR

			TABLE 6.	MIXTURES	OF AIR	AND SATUR	SATURATED WATER VAPOR	ER VAPOR			
	Pressure of sa	Pressure of saturated vapor		Weight of sat	Weight of saturated vapor		Volume in cu. ft.		Heat content		* Heat content
Temp.	T6 11.		per c	per cu. ft.	per lb. of dry air	dry air	of 1 lb, of dry	of 1 lb. of dry	in B.t.u. of 1 lb	Latent heat of vapor, B.t.u.	of dry air with
	In. of Hg.	Lb. per sq. in.	Pounds	Grains	Pounds	Grains	air.	saturate it	above o F.		rate it
75	0.8744	0.4295	0,001352	9.46	0.01877	131.4	13.48	13.88	18.11	19.71	37.81
92	.9040	.4440	.001395	9.76	.01942	135.9	13.50	13.92	18.35	20.38	38.73
77	.0345	.4500	.001439	10.07	.02010	140.7	13.53	13.96	18.59	21.08	39.62
200-	9658	4744	.001485	10.39	.02080	145.6	13.55	14.00	18.84	21.80	40.64
79	1866.	.4903	.001532	10.72	.02152	150.6	13.58	14.05	80.61	22.55	41.63
											•
80	1.0314	0.5066	0.001580	90.11	0.02226	155.8	13.60	14.09	19.32	23.31	42.64
81	1.0656	.5234	.001629	11.40	.02303	161.2	13.63	14.13	19.56	24.11	43.67
82	1.1008	5406	089100	11.76	.02381	166.7	13.65	14.17	19.80	24.92	44.72
82	1.1270	5584	.001732	12.12	.02463	172.4	13.68	14.22	20.04	25.76	45.80
200	1, 174	2267	982100	12.50	.02547	178.3	13.70	14.26	20.29	26.62	16.91
1	1/2.2	1016	/	,							
28	1.212	0.4044	0.001841	12.89	0.02634	184.4	13.73	14.31	20.53	27.51	48.04
98	-	0000	2001807	12.28	02722	100.6	12.75	14.25	20.77	28.43	49.30
00	1.251	6247	180100	12.68	27800	107.0	12 72	14.40	21.01	20.38	50.30
200	1.292	.034/	.001955	13.00	202013	0.763	27.67	1 1 1	1 0	20.5	1912
88	I.334	.0551	.002014	14.10	02910	203.7	13.00	14.45	21.23	30.53	20.20
68	1.377	1929.	.002075	14.53	.03008	210.0	13.03	14.50	21.50	31.30	24:00
				90		9 110	90	1	4.5	22 20	EA 12
3	1.421	0.0977	0.002137	14.90	0.03109	217.0	13.00	14.55	41.74	22.39	24-12
16	1.400	.7200	.002201	15.41	.03213	224.9	13.00	0.41	21.90	25.40	01.01
92	1.512	.7427	.002267	15.87	.03320	232.4	13.91	14.05	22.22	34.59	20.70
93	1.560	0994.	.002334	16.34	.03430	240.1	13.93	14.70	22.40	35.00	50.15
8	1.609	1064.	.002403	16.82	.03544	247.I	13.96	14.75	22.71	36.86	59.50
	,	0				1	0	0	200	38.06	61.01
96	1.659	0.8148	0.002474	17.32	0.03002	250.3	13.90	14.00	22.95	30.00	90.09
96	017.1	.8401	.002546	17.82	.03783	204.8	14.01	14.80	23.19	39.30	6:20
46	1.763	.8662	.002621	18.35	. 03908	273.6	14.03	14.91	23.43	40.57	8.40
86	1.818	.8929	.002697	18.88	.04036	282.5	14.06	14.97	23.67	41.88	05.55
06	1.874	.9204	.002775	19.42	69160.	291.8	14.08	15.02	23.91	43.24	67.15
,								(	,		0.00
100	1.931	0.9486	0.002855	86.61	0.04305	301.3	14.11	15.08	24.10	44.03	67.00
IOI	1.990	0.9775	.002937	20.56	.04446	311.2	14.14	15.14	24.40	40.07	70.47
102	2.051	1.0072	.003021	21.15	.04591	321.4	14.16	15.20	24.64	47.54	72.10
103	2.113	1.0376	.003107	21.75	.04741	331.9	14.19	15.26	24.88	49.07	73.95
104	2.176	I.0689	.003195	22.36	.04895	342.7	14.21	15.33	25.13	50.64	75.77
				•	Volue in this co	lumm do not incl	. Values in this column do not include the heat of the liquid	a lionid.			

. Values in this column do not include the heat of the liquid.

VAPOR
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MATER VAPOR   Heat content		rains	22.99	24.30	24.98	25.67	26.38	27.11	27.85	29.39	30.18	31.00	31.83	32.00	34.44	39.19	24.49	56.91	64.1	72.I	80.9	0.10	12.8	25.5	39.4	54.4
SATURATED WATER VAPOR  Volume in cu. ft.  Volume in cu. ft.  Volume in cu. ft.  Volume in cu. ft.  In B.t.u of 1 lb. of dry air + vapor to at the vapor of dry air saturate it  14.24 14.26 15.52 16.58 14.31 15.56 14.44 15.58 15.73 15.80 14.44 15.95 16.18 15.80 14.44 15.95 16.18 16.02 16.18 16.02 16.18 16.03 16.44 16.52 16.43 16.44 16.52 16.69 16.49 16.49 16.40 16.4	per lb. of	Pounds	0.0505	.0539	.0556		0.0593	2190.	.0031	.0673	0.0694	7170.	.0739	.0763	0.0813	.0953	1114	.1532	0.1800	.2122	.2511	.3577	0.4324	.5290	.6577	.8359
Heat content n Bitu. of 11b of dry air above o' F. F. 25.61 25.85 26.09 26.88 27.30 27.55 27.30 28.27	dry air	Grains	354	377	389	402	415	428	442	450 471	486	502	518	534 5 <b>5</b> 1	569	299	/00	913	1260	1485	1758	2504		. :		:
Heat content n Bitu. of 11b of dry air above o' F. F. 25.61 25.85 26.09 26.58 26.09 26.58 27.30 27.55 27.30 27.55 27.30 28.27	;		14.24	14.29	14.31	14.34	14.36	14.39	14.41	14.44	14.49	14.52	14.54	14.57	14.62	14.75	14.00	15.13	15.26	15.39	15.52	15.04	06:51	16.03	91.91	16.28
est content by the content by the content bove of rib	of dry		15.39	15.52	15.59	15.66	15.73	15.80	15.87	15.95	16.10	16.18	16.26	16.35	16.52	16.99	18.12	18.84	19.64	20.60	21.73	24.75	26.84	29.51	33.04	37.89
	leat content B.t.u. of I lb	bove of F.	25.37	25.85	26.09	26.33	26.58	26.82	27.00	27.55	27.79	28.03	28.27	28.76	29.00	30.21	31.42	33.85	35.06	36.27	37.48	39.91	41.12	42.33	43.55	44.76
	in B.t.u. of 1 lb. of dry air with vapor to satu-	rate it	77.63	81.49	83.50	85.57	87.69	89.86	92.10	94:46	99.10	101.68	104.24	109.56	112.37	127.54	165.34	189.22	217.1	250.3	238.2	397.7	472.3	568.3	695.5	870.9
	O'CONTROLL OF THE CASE AND THE	of dry air of I lb. of dry of 1 lb. of dry of 1 lb. of dry of dry air	of dry air of 1lb, of dry air + vapor to Grains of 1lb, of dry air + vapor to dry above 0° F.	of dry air of 1 lb, of dry air dry air + vapor to saturate it saturate it 15.39 14.24 15.39 25.37 52.26	of dry air of 1 lb, of dry air air + vagor to Grains of 1 lb, of dry air + vagor to asturate it above o F. 15.39 14.26 15.39 25.37 14.20 15.29 25.37 25.85 55.54	of dry air of 1 lb, of dry air air + vapor to Grains of 1 l2, of dry air saturate it above 0° F.    Grains   Of 1 lb, of dry   air + vapor to saturate it above 0° F.     354   14.26   15.39   25.37   52.26     377   14.26   15.59   25.61   53.92     389   14.31   15.59   26.09   57.41     501   502   503   57.41     503   503   57.41     504   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505   505   57.41     505	of dry air of dry air air + vapor to fin B.t.u. of 1 lb Latent heat of n B.t.u. of 1 lb Latent heat of dry air asturate it above o' F. 354 14.26 15.39 25.37 25.26 357 14.26 15.59 26.09 26.09 26.03 59.23	of dry air Grains of 1 lb, of dry air + vapor to 354 14.26 15.52 25.64 389 14.31 15.39 15.52 25.09 25.37 25.64 25.64 25.64 25.65 25.	of dry air         of 1b, of dry air air + vagor to 354         of 1b, of dry air + vagor to 354         of 1b, of dry air + vagor to 354         in B.t.u. of 1b Latent heat of dry air above o. F.         Latent heat of air + vagor to 354         saturate it above o. F.         S2.26         B.t.u.           354         14.26         15.39         25.37         52.26         53.92           377         14.29         15.59         25.61         55.64           389         14.31         15.59         26.09         57.41           402         14.36         15.73         26.58         61.11           415         14.39         15.80         26.58         61.11	of dry air criteria dr. 1b, of dry air + vapor to dry air + vapor b.t.u. above o.g. F. 354 14.26 15.39 25.37 25.26 25.37 25.26 15.52 14.39 15.59 26.09 26.09 27.41 14.34 15.87 26.33 26.58 61.11 15.87 26.82 63.04 24.28 14.39 15.87 26.82 63.04	of dry air         of 1b, of dry air air + vapor to saturate it.         I Heat content above o' F. asturate it.         I Heat content air + vapor to saturate it.         I Latent heat of dry air air + vapor to saturate it.         I A-24         I S-39         25.37         52.26         35.92           377         14.29         15.52         25.61         53.92         55.64           389         14.31         15.59         25.85         55.64           402         14.34         15.59         26.09         57.41           415         14.36         15.80         66.09         57.41           442         14.41         15.87         26.82         63.04           442         14.44         15.95         27.06         65.00           475         14.44         15.95         27.55         69.22	of dry air         of 1b, of dry air air + vapor to air + vapor to saturate it         I Heat content above o° F. asturate it         I Latent heat of dry air air + vapor to saturate it         I Latent heat of dry air above o° F. asturate it         I Latent heat of dry air above o° F. asturate it         I S.39         25.37         52.26         35.92         35.41           377         14.29         15.59         25.81         55.64         55.41         55.64         55.44         55.26         57.41         57.41         57.41         57.41         57.41         57.41         57.41         57.41         57.42         57.50         67.10         67.10         67.10         57.79         77.40         77.40	of dry air         of 1b, of dry air + vapor to air + vapor to saturate it.         I Heat content air + vapor to dry air above o° F.         Latent heat of air + vapor to saturate it.         I Heat content air + vapor to air + vapor to saturate it.         I Heat content air + vapor to air + vapor to saturate it.         I Heat content air + vapor to air + vapor to air + vapor to saturate it.         I Heat content air + vapor to air + vap	of dry air  of 11b, of dry  Grains  Grains  of 11b, of dry  Grains  Grains  of 11b, of dry  354  14.24  15.39  16.25  25.37  25.41  25.26  35.92  25.37  25.41  25.61  25.61  25.62  25.63  26.09  27.71  14.41  15.80  26.09  26.09  27.70  67.10  17.40  67.10  17.40  27.79  17.40  28.27  17.40  28.27  17.40  28.27  17.40	of dry air         of 1 lb, of dry air air + vapor to air + vapor to saturate it.         I Heat content above o' F. asturate it.         I Heat content air + vapor to of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of 1 lb Latent heat of dry air above o' F. asturate it.         I m B.t.u. of dry air above o' F. asturate it.         I m B.t.u. of dry air above o' F. asturate it.         I m A.t.asturate it.         I m B.t.u. of I lb Latent heat of dry air.         I m A.t.asturate it.         I m B.t.u. of I lb Latent heat of dry air.         I m A.t.asturate it.         I m A.t.asturate it	of dry air         of 1b, of dry air + vagor to saturate it         Ileatuc of the base of dry air air + vagor to saturate it         Ileatuc of the base of dry air above o' F.         Latent heat of air + vagor to saturate it         In the content of dry air air + vagor to saturate it         In the content of dry air air + vagor to saturate it         In the content of dry air air + vagor to saturate it         In the content of dry air air + vagor to saturate it         In the content of dry air air + vagor to saturate it         In the content of dry air air + vagor to saturate it         In the content of dry air apove o' F.         In	of dry air  Of dry	of dry air         of 1b, of dry air + vagor to saturate it saturate it saturate it saturate it solve o ° F.         Heat content air + vagor to dry air above o ° F.         Latent heat of of dry air air + vagor to saturate it solve o ° F.         Latent heat of of dry air above o ° F.         Latent heat of of dry air above o ° F.           354         14.24         15.39         25.37         52.26           377         14.26         15.59         25.61         53.92           389         14.31         15.56         26.09         57.41           402         14.34         15.56         26.58         61.11           428         14.41         15.80         26.58         61.11           442         14.44         15.80         26.82         63.04           456         14.44         15.95         27.56         65.04           471         14.44         15.95         27.55         69.22           486         14.45         16.02         27.79         71.40           502         14.57         16.26         28.27         75.97           534         14.57         16.35         28.27         75.97           567         14.58         17.53         28.20         75.97           667         14.	of dry air         of 1b, of dry air + vapor to air + vapor to saturate it.         Inst.u. of 1b air + vapor to ai	of dry air         of 1b, of dry air where it saturate it	of dry air         of 1b, of dry air + vapor to a	of dry air         of 1b, of dry air + vapor to air + vapor to air + vapor to f dry air air + vapor to air +	of dry air         of 1b, of dry air air + vapor to air + vapor	of dry air         of 1b, of dry air + vapor to air + vapor to air + vapor to air + vapor to above o° F.         Heat content air + vapor to air	of dry air         of 1b, of dry air + vapor to a	of dry air         of 1b, of dry air air + vapor to air + vapor to saturate it sat

\* Values in this column do not include the heat of the liquid.

				Heat co		Laten in B	t heat			Entropy.	
Pressure, lb.	Temp., ° F.	Volume, cu. ft. per lb.	Weight, lb. per cu. ft.	of liquid	of vapor	of va- poriza- tion	Inter- nal	Energy of vapor B.t.u.	of liquid	of vapor- ization	of vapor
р	t	▼"	1/\"	i'	i"	r	ρ.	u"	s'	r/T	8"
1	-103.7	225.0	0.0044			644.6	603.0			1.8107	
2	- 87.1	117.0	.0085			633.9	590.7			1.7017	
3 4	- 76.5 - 68.5	80.0 61.0	.0125			626.9 621.6	582.7 576.5			1.6363	
5	6			.00 =	10.	6					
6	- 62.0 - 56.6	49.3	.0241	-98.1 -92.5	519.1	617.2	571.5	473.4	-0.2207 2070	1.5523	1.3316
7 8	- 51.9	35.9	.0279	-87.6	522.7	610.2	563.7	476.1	1947	1.4965	1.3018
	<b>-</b> 47.6	31.6	.0316	-83.2 -70.2	524.1	607.3	560.4	477.1	1840 1747	1.4740	1.2900
9	- 43.9	28.3	.0352	-79.3	525.3	604.7	557.4	478.0	1747	1.4541	1.2/94
10	- 40.4	25.75	0.0388	-75.7	526.4	602.2	554.6	478.8	-0.1661	1.4363	1.2702
11	- 37.2 - 34.3	23.60	.0424	-72.4 $-69.4$	527.4	599.9	552.0	479.5	1584 1513	1.4202	1.2541
13	- 31.5	20.16	.0496	-66.5	529.3	595.8	547.4	480.9	1446	1.3917	1.2471
14	- 28.9	18.79	.0532	-63.8	530.1	593.9	545-3	481.5	1384	1.3789	1.2405
15	- 26.4	17.60	0.0568	-61.2	530.9	592.1	543.3	482.0	-0.1324	1.3669	1.2345
16	- 24.1	16.56	2.0604	-58.8	531.6	590.4	541.4	482.5	1268	1.3557	1.2289
17	- 21.9	15.64	.0639	-56.5	532.2	588.8	539.6	483.0	1215	1.3451	1.2236
18	- 19.8 - 17.8	14.82	.0675	-54.4 $-52.3$	532.8 533.4	587.2 585.7	537·9 536.3	483.4	1165 1119	1.3351	1.2186
		-4.05			333.4		330.3				
20	- I5.9 - I4.0	13.45	.0744	-50.3 $-48.4$	534.0	584.3	534.7	484.3	-0.1075 1032	1.3168	1.2093
22	- I4.0 - I2.2	12.02	.0815	-46.4	534.6 535.1	581.5	533.1	485.1	0990	1.3082	1.2009
23	- 10.5	11.77	.0850	-44.7	535.6	580.2	530.2	485.4	0950	1.2920	1.1970
24	- 8.8	11.30	.0885	-42.9	536.1	579.0	528.8	485.8	0912	1.2844	1.1932
25	- 7.2	10.88	0.0919	-41.3	536.5	577.8	527.4	486.1	-0.0876	1.2771	1.1896
26	- 5.7	10.50	.0953	-39.7	536.9	576.6	526.1	486.4	0840	1.2701	1.1862
27 28	- 4.2 - 2.7	9.78	.0987	-38.1 -36.5	537.4 537.8	575·4 574·3	524·9 523·7	486.7	0805 0771	1.2634	1.1798
29	- 1.3	9.47	.1056	-35.0	538.2	573.2	522.5	487.3	0739	1.2507	1.1768
30	+ 0.1	9.17	0.1090	-33.6	538.5	572.1	521.3	487.6	-0.0708	1.2447	1.1739
31	1.4	8.90	.1124	-32.2	538.9	571.1	520.2	487.8	0677	1.2389	1.1712
32	2.7	8.64	.1158	-30.8 $-29.5$	539.3	570.1 569.1	519.1	488.1	0647 0617	1.2332	1.1685
33 34	4.0 5·3	8.39 8.15	.1192	- 28.2	539.6 540.0	568.1	516.9	488.6	0589	1.2220	1.1631
35	6.5	7.93	0.1260	-26.9	540.3	567.1	515.8	488.8	-0.0561	1.2167	1.1606
36	7.7	7.73	.1294	-25.6	540.6	566.2	514.8	489.1	0534	1.2116	1.1581
37	8.9	7.52	.1328	-24.4	540.9	565.3	513.8	489.3	0508	1.2066	1.1558
38 39	10.0	7.34 7.16	.1362	-23.2 -22.0	541.2	564.4 563.5	512.8	489.5	0483 0458	1.2018	1.1535
40 41	12.2	6.99	0.1430	- 20.8 - 19.7	541.8	562.6 561.7	511.0	489.9	-0.0433 0409	1.1924	1.1491
42	14.4	6.67	.1497	-18.6	542.3	560.9	509.1	490.3	0386	1.1833	1.1448
43	15.4	6.52	.1531	-17.5	542.6	560.0	508.2	490.5	0363	1.1790	1.1427
44	16.4	6.38	.1564	-16.4	542.8	559.2	507.3	490.7	0341	1.1748	1.1407
45	17.4	6.25	0.1598	-15.3	543.1	558.4	506.4	490.9	-0.0319	1.1707	1.1388
46 47	18.4	6.12	.1631	-14.3 $-13.3$	543.3 543.6	557.6 556.8	505.6	491.1	0297 0276	1.1666	1.1369
48	20.3	5.88	.1698	-13.3	543.8	556.1	503.9	491.4	0270	1.1587	1.1332
49	21.2	5.77	.1732		544.0	555-3	503.1	491.6	0235	1.1549	1.1314
50	22.1	5.66	0.1765	-10.3	544.3	554.6	502.3	491.8	-0.0216	1.1512	1.1297
51	23.0	5.56	.1798	- 9.3	544.5	553-9	501.5	491.9	0196	1.1476	1.1280
52	23.9	5.46		- 8.4	544.7	553.1	500.8	492.1	0177	1.1441	1.1264
53 54	24.8	5.36	.1865	- 7.5 - 6.6	544.9 545.1	552.4	500.0 499.3	492.4	0158 0140	1.1406	1.1247
	3	37			313	301	100.0	1,5		3,2	

00									-		
D	T	Volume,	Weight,	Heat co		Laten in B	t heat	Energy		Entropy	
Pressure, lb.	Temp., ° F.	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of va- poriza- tion	Inter-	of vapor B.t.u.	of liquid	of vapor- ization	of vapor
р	t	٧"	ı/v"	i′	i"	r	ρ	u"	s'	r/T	s"
55	26.4	5.18	0.1931	-5.7	545.3	551.1	498.6	492.6	-0.0122	1.1338	1.1216
56	27.3	5.09	.1964	-4.8	545.5	550.4	497.8	492.7	.0103	1.1304	1.1201
57	28.1	5.01	.1997	-3.9	545.7	549.7	497.1	492.9	.0085	1.1271	1.1186
58	28.9	4.93	.2030	-3.0 $-2.2$	545.9 546.1	549.0	496.4	493.0	.0068	1.1239	1.1171
59	29.7	4.03	.2003	2.2	340.1	340.4	495.7	493.2	.0050	1.1207	1.1157
60	30.5	4.77	0.2096	-1.3	546.3	547.7	495.0	493.3	-0.0033	1.1175	1.1142
61 62	31.3 32.1	4.70	.2129	-0.5 +0.3	546.5	547.0 546.4	494.3	493.5	+0.0001	1.1144	1.1128
63	32.8	4.56	.2195	1.1	546.9	545.8	492.9	493.7	.0018	1.1113	1.1114
64	33.6	4.49	.2228	1.9	547.1	545.1	492.2	493.9	.0035	1.1053	1.1087
65	34.3	4.42	0.2261	2.7	547.2	544.5	491.6	494.0	0.0051	1.1023	1.1074
66	35.I	4.36	.2294	3.5	547.4	543.8	490.9	494.1	.0067	1.0994	1.1061
67	35.8	4.30	.2327	4.3	547.6	543.2	490.3	494-3	.0082	1.0966	1.1048
68	36.5	4.24	.2359	5.1	547.7	542.6	489.6	494.4	.0097	1.0939	1.1036
69	37.2	4.18	.2392	5.8	547.9	542.0	489.0	494.5	.0113	1.0911	1.1024
70	37.9	4.12	0.2425	6.6	548.1	541.4	488.4	494.6	0.0128	1.0883	1.1011
71	38.6	4.07	.2458	7.4	548.2	540.8	487.7	494.8	.0143	1.0856	1.0999
72	39.3	4.02	.2490	8.1 8.9	548.4 548.5	540.2	487.1	494.9	.0158	1.0829	1.0987
73 74	40.0 40.7	3.96	.2523	9.6	548.7	539.6	485.9	495.0	.0173	1.0776	1.0975
				1							
<b>75</b> 76	41.3	3.86	0.2589	10.3	548.8	538.5	485.3	495.2	0.0201	1.0751	1.0952
77	42.0 42.6	3.77	.2655	11.7	549.1	537·9 537·4	484.1	495.4	.0215	1.0701	1.0941
78	43.3	3.72	.2688	12.4	549.3	536.8	483.5	495.6	.0243	1.0676	1.0919
79	43.9	3.68	.2721	13.1	549.4	536.3	482.9	495.7	.0257	1.0651	1.0908
80	44.5	3.63.	0.2753	13.8	549.5	535.8	482.3	495.8	0.0271	1.0627	1.0898
81	45.1	3.59	.2786	14.5	549.7	535.2	481.8	495.9	.0284	1.0603	1.0888
82	45.8	3.55	.2819	15.2	549.8	534.6	481.2	496.0	.0297	1.0580	1.0877
84	46.4	3.51	.2884	16.5	550.0	534.I 533.6	480.1	496.2	.0310	1.0557	1.0857
	10										
<b>85</b> 86	47.6 48.2	3.43	.2950	17.2	550.2	533.I 532.5	479.5	496.3	0.0336	1.0511	1.0847
87	48.8	3.35	.2983	18.5	550.5	532.0	478.4	496.5	.0362	1.0465	1.0827
88	49.4	3.32	.3015	19.1	550.6	531.5	477.9	496.6	.0374	1.0443	1.0817
89	50.0	3.28	.3048	19.8	550.8	531.0	477.3	496.7	.0386	1.0421	1.0807
90	50.5	3.25	0.3081	20.4	550.9	530.5	476.8	496.8	0.0398	1.0400	1.0798
91	51.1	3.21	.3114	21.0	551.0	530.0	476.3	496.9	.0410	1.0379	1.0789
92	51.7 52.2	3.18	.3147	21.7	551.1	529.5	475.8 475.3	497.0	.0422	1.0358	1.0780
93 94	52.8	3.11	.3213	22.9	551.4	528.5	474.8	497.2	.0434	1.0316	1.0762
95	53.3	3.08	0.3246	23.5	551.5	528.0	474.3	497.3	0.0458	1.0295	1.0753
96	53.9	3.05	.3278	24.1	551.6	527.5	473.8	497.4	.0470	1.0274	1.0744
97	54.4	3.02	.3311	24.7	551.7	527.0	473.3	497.4	.0482	1.0254	1.0736
98	55.0	2.99	-3344	25.3	551.9	526.5	472.8	497.5	.0494	1.0234	1.0727
99	55-5	2.96	-3377	25.9	552.0	526.1	472.3	497.6	.0505	1.0214	1.0719
100	56.0	2.93	0.3409	26.5	552.1	525.6	471.8	497.7	0.0516	1.0195	1.0710
101 102	56.6 57.1	2.90	·3442 ·3475	27.I 27.7	552.2	525.I 524.6	471.3	497.8	.0527	1.0175	1.0702
103	57.6	2.85	.3508	28.2	552.4	524.2	470.3	497.9	.0550	1.0136	1.0686
104	58.1	2.82	.3540	28.8	552.5	523.7	469.8	498.1	.0561	1.0117	1.0678
105	58.6	2.80	0.3573	29.3	552.6	523.3	469.3	498.1	0.0572	1.0098	1.0670
106	59.1	2.77	.3605	29.9	552.7	522.8	468.9	498.2	.0583	1.0079	1.0662
107	59.6	2.75	.3638	30.4	552.8	522.4	468.4	498.3	.0594	1.0061	1.0654
108	60.1 60.6	2.72	.3670	31.0	552.9 553.0	521.5	467.9	498.5	.0604	1.0043	1.0647
	00.0	/-	.5753	33	333.3	3-2-3	1-7.5	7,5.3		1	

				Heat co		Laten in B	t heat	_	Е	ntropy	
Pressure, lb.	Temp., °F.	Volume, cu. ft. per lb.	Weight, lb. per cu. ft.	of liquid	of vapor	of va- poriza-	Inter-	Energy of vapor B.t.u.	of liquid	of vapor-	of vapor
				or inquire	or vapor	tion	nal	4	oquid	ization	·
р	t	▼"	I/V"	· i′	i"	r	ρ	u"	s'	r/T	8"
110	61.1	2.678	0.3735	32.I	553.1	521.0	467.0	498.6	0.0625	1.0006	1.0631
III	61.6	2.655	.3767	32.6	553.2	520.6	466.5	498.6	.0636	0.9988	1.0624
112	62.1	2.632	.3799	33.2	553.3	520.1	466.I	498.7	.0646	.9970	1.0616
113	62.6	2.610	.3831	33.7	553.4	519.7	465.6	498.8	.0657	.9951	1.0608
114	63.1	2.589	.3863	34.3	553.5	519.2.	465.1	498.9	.0668	•9933	1.0601
. 115	63.6	2.568	0.3895	34.8	553.6	518.8	464.6	499.0	0.0678	0.9916	1.0594
116	64.0	2.547	.3927	35.4	553.7	518.4	464.2	499.0	.0688	.9899	1.0587
117	64.5	2.526	-3959	35.9	553.8	517.9	463.8	499.1	.0697	.9883	1.0580
118	64.9	2.506	.3991	36.4	553.9	517.5	463.4	499.2	.0706	.9867	1.0573
119	65.4	2.486	.4023	36.9	554.0	517.1	462.9	499-3	.0716	.9850	1.0566
120	65.8	2.466	0.4056	37.4	554.1	516.7	462.5	499.4	0.0725	0.9834	1.0559
121	66.3 66.8	2.446	.4089	37.9	554.2	516.3	462.1	499.4	.0735	.9817	1.0552
122	67.2	2.427	.4121	38.5	554-3	515.8	461.6	499.5	.0745	.9800	1.0545
123	67.7	2.409	.4153	39.0	554·4 554·5	515.4 515.0	460.8	499.6	.0754	.9768	1.0539
125	68.1 68.6	2.371	0.4218	40.0	554.6	514.6	460.4	499.7	0.0773	0.9752	1.0525
126	69.0	2.353	.4250	40.5	554.7	514.1	459.9	499.8	.0783	.9736	1.0519
127	69.5	2.335	.4283	41.0	554.8	513.7	459.5	499.9	.0792	.9720	1.0512
129	69.9	2.300	.4348	42.0	555.0	512.9	458.6	500.0	.0811	.9688	1.0499
130	70.4	2.283	0.4381	42.5	555.0	512.5	458.2	500.1	0.0820	0.9672	1.0492
131	70.8	2.266	.4414	43.0	555.1	512.1	457.8	500.2	.0829	.9656	1.0485
132	71.2	2.249	-4447	43.5	555.2	511.7	457.4	500.2	.0838	.9641	1.0479
133	71.6	2.233	.4479	44.0	555-3	511.3	457.0	500.3	.0847	.9626	1.0473
134	72.0	2.217	.4511	44.5	555-4	510.9	456.6	500.4	.0856	.9611	1.0467
135	72.5	2.201	0.4544	45.0	555-5	510.5	456.2	500.5	0.0865	0.9596	1.0461
136	72.9	2.185	.4577	45.5	555.6	510.1	455.8	500.5	.0874	.9581	1.0455
137	73.3	2.169	.4610	46.0	555.6	509.7	455.4	500.6	.0883	.9566	1.0449
138	73.7	2.154	.4643	46.4	555.7	509.4	455.0	500.7	.0892	.9551	1.0443
139	74.1	2.139	.4675	46.9	555.8	509.0	454.6	500.7	.0901	.9536	1.0437
140	74.5	2.124	0.4707	47.3	555.9	508.6	454.2	500.8	0.0910	0.9521	1.0431
141	75.0	2.109	.4740	47.8	556.0	508.2	453.8	500.9	.0919	.9506	1.0425
142	75.4	2.095	.4772	48.3	556.1	507.8	453.4	500.9	.0928	.9491	1.0419
143	75.8 76.2	2.069	.4804	49.2	556.1 556.2	507.4	453.0	501.0	.0936	.9477	1.0413
145 146	76.5 76.9	2.056	0.4867	49.6	556.3	506.7	452.2	501.1	0.0952	0.9450	1.0402
147	77.3	2.043	.4899	50.0	556.4 556.4	506.3	451.8	501.2	.0960	.9436	1.0391
148	77.7	2.015	.4931	50.5	556.5	505.6	451.4	501.2	.0908	.9423	1.0391
149	78.1	2.002	.4995	51.4	556.6	505.2	450.7	501.4	.0985	.9396	1.0380
150	78.5	1.989	0.5028	51.8	556.7	504.8	450.3	501.4	0.0993	0.9382	1.0375
151	78.9	1.976	.5060	52.3	556.7	504.6	449.9	501.4	.1002	.9368	1.03/5
152	79.3	1.964	.5092	52.7	556.8	504.0	449.9	501.6	.1002	.9354	1.0364
153	79.6	1.952	.5123	53.1	556.9	503.7	449.2	501.6	.1018	.9341	1.0359
154	80.0	1.940	.5155	53.6	557.0	503.3	448.8	501.7	.1026	.9328	1.0354
155	80.4	1.928	0.5187	54.0	557.0	503.0	448.4	501.7	0.1034	0.9314	1.0348
156	80.8	1.916	.5220	54.5	557.1	502.6	448.0	501.8	.1042	.9301	1.0343
157	81.2	1.904	.5253	54.9	557.2	502.2	447.6	501.8	.1050	.9288	1.0338
158	81.5	1.892	.5286	55.3 55.8	557·2 557·3	501.9	447.3	501.9	.1058	.9275	1.0333
160											
161	82.3	1.868	0.5353	56.2	557.4	501.1	446.6	502.1	0.1074	0.9249	1.0323
162	82.7 83.0	1.857	.5386	56.7	557.5	500.7	446.2	502.1	.1082	.9236	1.0318
163	83.4	1.846	.5418	57.I · 57.5	557.5 557.6	500.4	445.5	502.2	.1098	.9223	1.0313
164	83.8	1.824	.5483	58.0	557.7	499.7	445.1	502.3	.1106	.9197	1.0303
	0,710		.5403	35.0	331.7	433.1	773.7	3-2-3		3-51	3-3

		Volume,	Weight,	Heat co		Laten in B	t heat .t.u.	Energy		Entropy	
Pressure, lb.	Temp., ° F.	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of va- poriza- tion	Inter- nal	of vapor B.t.u.	of liquid	of vapor- ization	of vapor
р	t	v "	I/V <sup>A</sup>	i'	i"	r	ρ	u"	s'	r/T	s"
165	84.1	1.814	0.5515	58.4	557.7	499.4	444.8	502.3	0.1114	0.9184	1.0298
166	84.5	1.803	.5547	58.8	557.8	499.0	444.4	502.4	.1122	.9171	1.0293
167	84.9	1.793	.5578	59.3	557.9	498.6	444.0	502.5	.1130	.9158	1.0288
168	85.2	1.783	.5609	59.7	558.0	498.3	443.7	502.5	.1137	.9146	1.0283
169	85.6	1.773	.5641	60.1	558.0	497.9	443.3	502.6	.1145	.9133	1.0278
170	85.9	1.763	0.5673	60.5	558.1	497.6	443.0	502.7	0.1152	0.9121	1.0273
171	86.3	1.753	.5705	61.0	558.2	497.2	442.6	502.7	.1160	.9108	1.0268
172	86.6	1.743	.5738	61.4	558.2	496.9	442.3	502.8	.1167	.9096	1.0264
173	87.0	1.733	.5771	61.8	558.3	496.5	441.9	502.8	.1175	.9084	1.0259
174	87.3	1.723	.5804	62.2	558.4	496.2	441.6	502.9	.1182	.9072	1.0254
175	87.7	1.713	0.5836	62.6	558.4	495.8	441.2	502.9	0.1190	0.9060	1.0250
176	88.0	1.704	.5869	63.0	558.5	495.5	440.9	503.0	.1197	.9048	1.0245
177	88.4	1.694	.5902	63.4	558.6	495.1	440.5	503.0	.1204	.9037	1.0241
178	88.7	1.685	∙5935	63.8	558.6	494.8	440.2	503.1	.1211	.9025	1.0236
179	89.0	1.676	.5967	64.2	558.7	494.5	439.9	503.1	.1218	.9013	1.0232
180	89.4	1.666	0.6000	64.6	558.8	494.1	439.5	503.2	0.1226	0.9001	1.0227
181	89.7	1.656	.6034	65.0	558.8	493.8	439.2	503.3	.1233	.8989	1.0223
182	90.1	1.647	.6068	65.4	558.9	493.4	438.8	503.3	.1241	.8977	1.0218
183	90.4	1.639	.6102	65.8	558.9	493.I	438.5	503.4	.1248	.8966	1.0214
184	90.7	1.630	.6135	66.2	559.0	492.8	438.2	503.4	.1254	.8955	1.0210
185	91.1	1.621	0.6168	66.6	559.1	492.4	437.8	503.5	0.1261	0.8944	1.0205
186	91.4	1.613	.6200	67.0	559.1	492.1	437.5	503.5	.1268	.8933	1.0201
187	91.7	1.605	.6233	67.4	559.2	491.8	437.2	503.6	.1274	.8921	1.0196
188	92.1	1.596	.6266	67.8	559-3	491.5	436.8	503.6	.1283	.8909	1.0192
189	92.4	1.588	.6298	68.2	559-3	491.2	436.5	503.7	.1289	.8898	1.0187
190	92.7	1.580	0.6330	68.6	559.4	490.9	436.2	503.7	0.1296	0.8887	1.0183
191	93.0	1.572	.6362	68.9	559-4	490.5	435.9	503.8	.1303	.8876	1.0179
192	93.4	1.563	.6395	69.3	559-5	490.1	435.5	503.9	.1310	.8865	1.0174
193	93.7	1.555	.6428	69.7	559.6	489.8	435.2	503.9	.1317	.8854	1.0170
194	94.0	1.548	.6460	70.1	559.6	489.5	434.9	504.0	.1323	.8843	1.0166
195	94.3	1.541	0.649	70.5	559.7	489.2	434.5	504.0	0.1329	0.8833	1.0162
196	94.6	1.533	.652	70.8	559.7	488.9	434.2	504.1	.1336	.8822	1.0158
197	94.9	1.526	.655	71.2	559.8	488.6	433.9	504.1	.1342	.8812	1.0154
198	95.2	1.519	.658	71.6	559.8	488.3	433.6	504.2	.1349	.8801	1.0150
199	95.5	1.512	.661	71.9	559.9	488.0	433.3	504.2	.1356	.8790	1.0146
200	95.9	1.504	0.665	72.3	560.0	487.6	433.0	504.3	0.1363	0.8779	1.0142
202	96.5	1.489	.672	73.1	560.1	487.0	432.3	504.4	.1376	.8758	1.0134
204	97.1	1.474	.679	73.8	560.2	486.4	431.7	504.5	.1389	.8737	1.0126
206	97.7	1.460	.685	74.6	560.3	485.8	431.1	504.6	.1402	.8716	1.0118
208	98.3	1.447	.691	75.3	560.4	485.1	430.5	504.7	.1414	.8696	1.0110
210	98.9	1.433	0.698	76.0	560.5	484.5	429.8	504.8	0.1427	0.8676	1.0103
212	99.5	1.419	.705	76.7	560.6	483.9	429.2	504.9	.1440	.8656	1.0095
214	100.1	1.406	.711	77.4	560.7	483.3	428.6	505.0	.1452	.8636	1.0088
216	100.7	1.394	.717	78.1	560.8	482.7	428.0	505.0	.1464	.8616	1.0080
218	101.2	1.382	-724	78.8	560.9	482.1	427.4	505.1	.1476	.8597	1.0073
220	101.8	1.370	0.730	79.5	561.0	481.5	426.8	505.2	0.1488	0.8578	1.0066
222	102.4	1.358	.736	80.2	561.1	480.9	426.2	505.3	.1500	.8559	1.0059
224	103.0	1.346	-743	80.9	561.2	480.3	425.6	505.4	.1512	.8540	1.0052
226	103.5	1.335	.749	81.6	561.3	479.7	425.1	505.5	.1524	.8521	1.0045
228	104.1	1.323	.756	82.3	561.4	479.1	424.5	505.6	.1537	.8501	1.0038
230	104.7	1.312	0.762	83.0	561.5	478.5	423.9	505.7	0.1549	0.8482	1.0031
232	105.2	1.301	.769	83.7	561.6	477.9	423.3	505.8	.1561	.8463	1.0024
234	105.8	1.290	.775	84.4	561.7	477.3	422.7	505.9	.1573	.8444	1.0017
	106.3	1.279	.782	85.0	561.8	476.8	422.2	505.9	.1585	.8426	1.0011
236	106.9	1.268	.789	85.7	561.9	476.2	421.6	506.0	.1597	.8407	1.0004

		1	1	I II		Takan		1 1			91
Marie S	Territoria.	Volume,	Weight,	Heat o		Laten in B		Energy	E	Intropy	
Pressure, lb.	Temp.,	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of va- poriza- tion	Inter- nal	of vapor B.t.u.	of liquid	of vapor- ization	of vapor
р	t	v' !	1/v'	i'	i"	r	ρ.	u"	s'	r/T	s"
240	107.4	1.258	0.795	86.4	562.0	475.6	421.0	506.I	0.1609	0.8389	0.9998
242	108.0	1.248	.801	87.1	562.1	475.0	420.4	506.2	.1621	.8371	.9991
244	108.5	1.238	.808	87.7	562.2	474.5	419.8	506.3	.1632	.8353	.9985
246	109.0	1.228	.814	88.4	562.3	473.9	419.3	506.4	.1643	.8335	-9979
248	109.6	1.218	.821	89.1	562.4	473.3	418.7	506.5	.1655	.8317	.9972
250	110.1	1.208	0.828	89.7	562.5	472.8	418.1	506.6	0.1666	0.8300	0.9966
252	110.6	1.199	.834	90.4	562.6	472.2	417.6	506.6	.1677	.8283	.9960
254	III.I	1.189	.841	91.0	562.6	471.6	417.1	506.7	.1688	.8266	.9954
256	111.7	1.179	.848	91.7	562.7	471.0	416.5	506.8	.1700	.8248	-9947
258	112.2	1.170	.855	92.3		470.5	415.9	506.9	.1711	.8231	-9941
260	112.7	1.161	0.861	93.0	562.9	470.0	415.4	507.0	0.1722	0.8213	0.9935
262	113.2	1.153	.867	93.6	563.0	469.4	414.8	507.1	.1733	.8196	.9929
264	113.7	1.144	.874	94.2	563.1	468.9	414.3	507.2	.1744	.8179	.9923
266 268	114.2	1.136	.880	94.8 95.5	563.2	468.3	413.8	507.2	.1755	.8162	.9917
	114.7	1.12/					413.2	507.3	.1700		
270	115.2	1.119	0.894	96.1	563.4	467.2	412.7	507.4	0.1777	0.8129	0.9906
272	115.7	1.110	.901	96.7	563.4	466.7	412.2	507.5	.1787	.8113	.9900
274 276	116.2	1.102	.908	97·4 98.0	563.5	465.6	411.7	507.6	.1798	.8096	.9894
278	117.1	1.087	.920	98.6	563.7	465.1	410.7	507.7	.1819	.8064	.9883
4 - 4				-							
280	117.6	1.079	0.927	99.2	563.8	464.6	410.2	507.8	0.1829	0.8048	0.9878
284	118.1	1.071	·934 ·941	99.8	563.9	464.0	409.6	507.9	.1850	.8016	.9867
286	119.1	1.056	.947	101.1	564.0	462.9	408.5	508.1	.1861	.8000	.9861
288	119.6	1.049	.953	101.7	564.1	462.4	408.0	508.2	.1872	.7984	.9856
290			1.7	31			-	-	0.1882	1.0	0.9851
292	120.0	1.042	0.960	102.3	564.2	461.4	407.5	508.2	.1892	0.7969	.9846
292	120.9	1.033	.973	103.5	564.3	460.9	406.5	508.4	.1902	.7934	.9841
296	121.4	1.021	.980	104.1	564.4	460.4	406.0	508.5	.1912 .	.7924	.9836
298	121.9	1.014	.986	104.7	564.5	459.8	405.5	508.6	.1922	.7908	.9830
300	122.4	1.007	0.993	105.3	564.6	459.3	405.0	508.7	0.1932	0.7893	0.9825
310	124.6	0.975	1.026	108.2	565.0	456.8	402.5	509.0	.1981	.7820	.9801
320	126.8	.945	1.059	III.I	565.3	454.3	400.0	509.4	.2030	.7747	.9777
330	129.0	.916	1.092	114.0	565.7	451.8	397.6	509.8	.2078	.7676	.9754
340	131.1	.889	1.125	116.8	566.1	449.3	395.2	510.1	.2125	.7606	.9731
350	133.2	0.863	1.159	119.6	566.4	446.8	392.8	510.5	0.2171	0.7538	0.9709
360	135.2	.838	1.193	122.3	566.7	444.4	390.5	510.8	.2216	.7472	.9688
370	137.2	.815	1.227	125.0	567.0	442.0	388.2	511.2	.2261	.7407	.9668
380	139.2	.793	1.261	127.7	567.3	439.6	385.9	511.5	.2305	.7343	.9648
390	141.1	.772	1.295	130.3	567.6	437-3	383.7	511.9	.2348	.7281	.9629
400	142.9	0.752	1.330	132.9	567.9	435.0	381.5	512.2	0.2390	0.7220	0.9610
410	144.8	.733	1.364	135.5	568.2	432.7	379.3	512.5	.2431	.7161	.9592
420	146.6	.715	1.399	138.1	568.5	430.4	377.2	512.8	.2472	.7102	.9574
430	148.4	.698	1.434	140.6	568.8	428.2	375.0	513.2	.2513	.7044	·9557 ·9540
77.00											
450	151.8	0.665	1.504	145.6	569.3	423.8	370.8	513.8	0.2593	0.6931	0.9524
460 470	153.5	.650 .636	1.539	148.0	569.6	421.6	368.7 366.6	514.1	.2632	.6876	.9508
480	156.9	.622	1.608	152.8	570.1	417.2	364.5	514.4	.2710	.6768	.9478
490	158.5	.609	1.642	155.2	570.3	415.0	362.5	515.0	.2748	.6715	.9464
500	160.0		1.675				360.5		0.2786	0.6664	0.9450
525	163.9	0.597	1.765	157.5	570.5	413.0	355.6	515.3	.2876	.6540	.9416
550	167.6	.539	1.855	169.2	571.7	402.5	350.8	516.7	.2965	.6419	.9384
575	171.2	.514	1.946	174.8	572.2	397.4	346.0	517.4	.3052	.6301	-9353
600			2.038	180.4		392.3		518.1	0.3138	0.6186	
625	174.7	.469	2.030	185.9	572.7 573.1	392.3	341.3 336.6	518.8	.3223	.6073	.9296
650	181.4	.449	2.227	191.4	573.6	382.2	332.0		.3307	.5963	.9270
675	184.6	.431	2.321	196.8	574.0	377.2	327.4	520.1	.3389	.5856	.9245
700	187.7	.414	2.416	202.I	574.4	372.2	322.8		.3469	-5752	.9221
-						1	1	1	1	1	

92		11000							TIT OTCH		
	Pressure,	Volume,	Weight,	Heat co		Laten in B	t heat .t.u.	Energy	Balla!	Entropy	
Temp., ° F.	lb. per sq. in.	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of va- poriza- tion	Inter- nal	of vapor B.t.u.	of liquid	of vapor- ization	cf vapor
t	р	▼"	I/V"	i'	i"	r	ρ	u"	s'	r/T	s"
-50 -49 -48 -47 -46	7.43 7.67 7.92 8.17 8.43	34.01 32.98 32.00 31.07 30.19	0.02940 .03032 .03125 .03218	-85.7 -84.7 -83.6 -82.6 -81.5	523.3 523.6 523.9 524.3 524.6	608.9 608.2 607.5 606.8 606.1	562.2 561.4 560.6 559.8 559.0	476.5 476.7 476.9 477.2 477.4	-0.1901 1875 1850 1825 1801	1.4866 1.4812 1.4759 1.4706 1.4654	1.2965 1.2937 1.2909 1.2881 1.2854
-45 -44 -43 -42 -41	8.69	29.34	0.03408	-80.5	524.9	605.4	558.2	477.6	-0.1776	1.4602	1.2826
	8.96	28.52	.03506	-79.5	525.3	604.7	557.4	477.9	1751	1.4550	1.2798
	9.24	27.72	.03607	-78.4	525.6	604.0	556.6	478.2	1727	1.4498	1.2771
	9.53	26.94	.03712	-77.4	525.9	603.3	555.8	478.4	1702	1.4446	1.2744
	9.82	26.18	.03820	-76.4	526.2	602.6	555.0	478.6	1678	1.4395	1.2717
-40	10.12	25.45	0.03930	-75.3	526.6	601.9	554.2	478.9	-0.1653	1.4344	1.2691
-39	10.43	24.74	.04042	-74.3	526.9	601.2	553.4	479.1	1628	1.4293	1.2664
-38	10.75	24.06	.04156	-73.3	527.2	600.5	552.6	479.3	1604	1.4242	1.2638
-37	11.07	23.40	.04273	-72.2	527.5	599.7	551.8	479.6	1580	1.4191	1.2612
-36	11.40	22.76	.04393	-71.2	527.9	599.0	551.0	479.8	1555	1.4141	1.2586
-35	11.74	22.14	0.04516	-70.2	528.2	598.3	550.2	480.0	-0.1531	1.4091	1.2560
-34	12.09	21.55	.04641	-69.1	528.5	597.6	549.4	480.3	1507	1.4041	1.2534
-33	12.45	20.97	.04769	-68.1	528.8	596.9	548.6	480.5	1483	1.3991	1.2508
-32	12.81	20.41	.04900	-67.1	529.1	596.1	547.8	480.7	1458	1.3941	1.2483
-31	13.18	19.87	.05033	-66.0	529.4	595.4	547.0	481.0	1434	1.3892	1.2458
-30	13.56	19.35	0.05168	-65.0	529.8	594.7	546.2	481.2	-0.1410	1.3843	1.2433
-29	13.95	18.84	.05306	-63.9	530.1	594.0	545.4	481.4	1386	1.3794	1.2408
-28	14.35	18.35	.05449	-62.9	530.4	593.2	544.6	481.6	1362	1.3745	1.2383
-27	14.76	17.87	.05596	-61.8	530.7	592.5	543.7	481.9	1338	1.3697	1.2359
-26	15.18	17.40	.05747	-60.8	531.0	591.8	542.9	482.1	1314	1.3648	1.2334
-25 -24 -23 -22 -21	15.61	16.95	0.0590	-59.8	531.3	591.1	542.1	482.3	-0.1290	1.3599	1.2310
	16.05	16.51	.0606	-58.7	531.6	590.3	541.3	482.5	1266	1.3551	1.2286
	16.50	16.09	.0622	-57.7	531.9	589.6	540.5	482.8	1242	1.3503	1.2261
	16.96	15.68	.0638	-56.6	532.2	588.8	539.7	483.0	1218	1.3455	1.2237
	17.43	15.28	.0654	-55.6	532.5	588.1	538.9	483.2	1195	1.3408	1.2214
-20	17.91	14.89	0.0671	-54.6	532.8	587.4	538.0	483.4	-0.1171	1.3361	1.2190
-19	18.40	14.52	.0689	-53.5	533.1	586.6	537.2	483.6	1147	1.3314	1.2166
-18	18.90	14.16	.0706	-52.5	533.4	585.9	536.4	483.8	1124	1.3267	1.2143
-17	19.41	13.81	.0724	-51.4	533.7	585.1	535.6	484.0	1100	1.3220	1.2119
-16	19.93	13.48	.0742	-50.4	534.0	584.4	534.8	484.3	1077	1.3173	1.2096
-15 -14 -13 -12 -11	20.46	13.15	0.0760	-49.4	534.3	583.6	533.9	484.5	-0.1054	1.3127	1.2073
	21.00	12.83	.0779	-48.3	534.6	582.9	533.1	484.7	1031	1.3081	1.2050
	21.56	12.51	.0799	-47.3	534.8	582.1	532.3	484.9	1007	1.3034	1.2027
	22.13	12.21	.0819	-46.2	535.1	581.4	531.4	485.1	0984	1.2988	1.2004
	22.71	11.92	.0839	-45.2	535.4	580.6	530.6	485.3	0961	1.2942	1.1981
-10	23.30	11.63	0.0860	-44.2	535.7	579.9	529.8	485.5	-0.0938	1.2897	1.1959
- 9	23.90	11.35	.0881	-43.1	536.0	579.1	528.9	485.7	0915	1.2852	1.1936
- 8	24.52	11.08	.0903	-42.1	536.3	578.4	528.1	485.9	0893	1.2807	1.1914
- 7	25.15	10.82	.0924	-41.0	536.6	577.6	527.3	486.1	0870	1.2762	1.1892
- 6	25.80	10.57	.0946	-40.0	536.9	576.8	526.4	486.3	0847	1.2717	1.1870
- <b>5</b> - 4 - 3 - 2 - 1	26.46	10.32	0.0969	-38.9	537.1	576.1	525.6	486.6	-0.0824	1.2672	1.1848
	27.13	10.08	.0992	-37.9	537.4	575.3	524.7	486.8	0801	1.2627	1.1826
	27.82	9.85	.1015	-36.8	537.7	574.6	523.9	487.0	0778	1.2583	1.1805
	28.52	9.62	.1039	-35.8	538.0	573.8	523.1	487.2	0755	1.2538	1.1783
	29.23	9.40	.1064	-34.7	538.2	573.0	522.2	487.4	0732	1.2494	1.1762
0	29.95	9.19	0.1089	-33.7	538.5	572.2	521.4	487.6	-0.0709	1.2450	1.1741
1	30.69	8.98	.1114	-32.6	538.8	571.4	520.5	487.8	0686	1.2406	1.1720
2	31.44	8.78	.1139	-31.6	539.1	570.7	519.7	488.0	0663	1.2363	1.1700
3	32.21	8.58	.1165	-30.5	539.3	569.9	518.8	488.2	0640	1.2319	1.1679
4	32.99	8.39	.1192	-29.5	539.6	569.1	518.0	488.4	0618	1.2276	1.1658

				Heat o		Laten in B	t heat			Entropy	
Temp.,	Pressure,	Volume,	Weight,				1	Energy			
° F.	lb. per sq. in,	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of va- poriza- tion	Inter- nal	of vapor B.t.u.	of liquid	of vapor- ization	of vapor
t	р	V."	1/7"	i'	i"	r	P°	u"	s'	r/T	8"
5	22.70	8.20	0 7070	-28.4	F00 0	568.3		488.6	-0.0595	1.2232	1.1637
6	33.79	8.02	0.1219		539.9		517.1	488.7	000	1.2189	1.1637
	34.60		.1247	-27.4	540.1	567.5	516.3		3/2	2	-
7 8	35.43	7.84	.1275	-26.3	540.4	566.7	515.4	488.9	0550 0527	1.2146	1.1596
	36.28	7.67	.1304	-25.3	540.7	565.9	514.6	489.1	3-7	1.2103	1.1576
9	37.14	7.50	.1333	-24.2	540.9	565.2	513.7	489.3	.0303		1.1555
10	38.02	7.34	0.1363	-23.2	541.2	564.4	512.9	489.5	-0.0483	1.2018	1.1535
II	38.92	7.18	.1393	-22.I	541.4	563.6	512.0	489.7	0461	1.1976	1.1515
12	39.84	7.02	.1424	-21.1	541.7	562.8	511.2	489.9	0438	1.1933	1.1495
13	40.77	6.87	.1455	- 20.0	542.0	562.0	510.3	490.1	0416	1.1891	1.1475
14	41.71	6.72	.1487	-19.0	542.2	561.2	509.4	490.3	0394	1.1849	1.1455
15	42.67	6.583	0.1519	-17.9	542.5	560.4	508.6	490.5	-0.0372	1.1807	1.1435
16	43.65	6.444	.1552	-16.8	542.7	559.6	507.7	490.6	- 7.0350	1.1766	1.1416
17	44.65	6.308	.1585	-15.8	543.0	558.8	506.8	490.8	— .0328	1.1724	1.1396
18	45.67	6.176	.1619	-14.7	543.2	558.0	506.0	491.0	0306	1.1683	1.1377
19	46.70	6.047	.1654	-13.6	543.5	557.1	505.1	491.2	0284	1.1641	1.1357
20	47.75	5.920	0.1689	-12.6	543.7	556.3	504.2	491.4	-0.0262	1.1600	1.1338
21	48.82	5.796	.1725	-11.5	544.0	555.5	503.3	491.6	0240	1.1559	1.1319
22	49.91	5.676	.1762	-10.4	544.2	554.7	502.4	491.8	0218	1.1517	1.1299
23	51.02	5.560	.1799	- 9.4	544.5	553.9	501.6	491.9	0196	1.1476	1.1280
24	52.15	5.447	.1836	- 8.3	544.7	553.1	500.7	492.1	0174	1.1436	1.1261
25	53.30	5.336	0.1874	- 7.3	545.0	552.2	499.8	492.3	-0.0153	1.1396	1.1243
26	54.47	5.228	.1913	- 6.2	545.2	551.4	498.9	492.5	0131	1.1355	1.1224
27	55.66	5.122	.1953	- 5.1	545.5	550.6	498.1	492.7	0109	1.1315	1.1206
28	56.87	5.019	.1993	- 4.1	545.7	549.8	497.2	492.9	0087	1.1275	1.1188
29	58.10	4.918	.2034	- 3.0	546.0	549.0	496.3	493.0	0066	1.1235	1.1169
30	59.35	4.820	0.2075	- 1.9	546.2	548.1	495.4	493.2	-0.0044	1.1195	1.1151
31	60.62	4.724	.2117	- 0.8	546.4	547.3	494.5	493.4	0022	1.1155	1.1133
32	61.91	4.631	.2159	+ 0.3	546.7	546.5	493.6	493.6	.0000	1.1115	1.1115
33	63.22	4.540	.2203	+ 1.3	546.9	545.6	492.8	493.8	+ .0021	1.1076	1.1098
34	64.55	4.451	.2247	+ 2.4	547.1	544.8	491.9	493.9	+ .0043	1.1037	1.1080
35	65.91	4.364	0.2292	3.5	547.4	543.9	491.0	494.1	0.0065	1.0997	1.1062
36	67.29	4.279	-2337	4.6	547.6	543.1	490.1	494.3	.0087	1.0958	1.1044
37	68.69	4.196	.2384	5.6	547.8	542.2	489.2	494.5	.0108	1.0019	1.1027
38	70.11	4.115	.2431	6.7	548.1	541.4	488.3	494.6	.0130	1.0880	1.1010
39	71.56	4.036	.2478	7.8	548.3	540.5	487.4	494.8	.0151	1.0841	1.0992
40	73.03	3.959	0.2526	8.9	548.5	539.7	486.5	495.0	0.0173	1.0802	1.0975
41	74.53	3.884	.2575	10.0	548.8	538.8	485.5	495.2	.0194	1.0764	1.0958
42	76.05	3.810	.2625	11.1	549.0	537.9	484.6	495.3	.0216	1.0725	1.0941
43	77.59	3.738	.2675	12.2	549.2	537.1	483.7	495.5	.0237	1.0687	1.0924
44	79.16	3.668	.2727	13.3	549.4	536.2	482.8	495.7	.0259	1.0648	1.0907
45	80.75	3.599	0.2779	14.3	549.7	535.3	481.9	495.9	0.0280	1.0610	1.0890
46	82.37	3.532	.2832	15.4	549.9	534.5	481.0	496.0	.0301	1.0572	1.0873
47	84.01	3.466	.2885	16.5	550.1	533.6	480.I	496.2	.0323	1.0534	1.0857
48	85.68	3.402	.2940	17.6	550.3	532.7	479.2	496.4	.0344	1.0496	1.0840
49	87.37	3.339	.2995	18.7	550.6	531.8	478.3	496.5	.0366	1.0458	1.0823
50	89.09	3.278	0.3051	19.8	550.8	531.0	477.3	496.7	0.0387	1.0420	1.0807
51	90.83	3.219	.3107	20.9	551.0	530.1	476.4	496.9	,0408	1.0383	1.0791
52	92.59	3.161	.3164	22.0	551.2	529.2	475.5	497.0	.0430	1.0345	1.0775
53	94.38	3.104	.3222	23.1	551.4	528.3	474.6	497.2	.0451	1.0307	1.0758
54	96.19	3.048	.3281	24.2	551.6	527.4	473.6	497.4	.0473	1.0269	1.0742
55	98.0	2.992	0.3342	25.3	551.9	526.5	472.7	497.5	0.0494	1.0232	1.0726
56	99.9	2.938	.3404	26.4	552.1	525.6	471.8	497.7	.0516	1.0195	1.0711
57	101.8	2.885	.3467	27.5	552.3	524.7	470.8	497.9	.0537	1.0158	1.0695
58	103.7	2.833	.3530	28.7	552.5	523.8	469.9	498.0	.0559	1.0130	1.0679
59	105.7	2.783	•3594	29.8	552.7	522.9	469.0	498.2	.0580	1.0084	1.0664
	103.7	2.703	•3394	29.0	332.1	322.9	409.0	490.2	.0300	1.0004	1.0004

94		ADLII	0. 0111	01(1111)	D AM	MON	41. 11	JIVII 131	MICKEL		
				Heat co			t heat			Entropy	
m -	Pressure,	Volume,	Weight,	in B.	t.u.	in I	3.tu.	Energy		Вистору	
Temp.,	lb. per	cu. ft.	lb. per			of va-	Inter-	of vapor	3	of woman	
7/	sq. in.	per lb.	cu. ft.	of liquid	of vapor		nal	B.t.u.	of liquid	of vapor- ization	of vapor
	1.0					tion					
t	р	∨″	I/V"	i'	i"	r		u"	s'	r/T	s"
	Р		1/4		1		ρ	u		1/1	8
60		0.501	0 06 = 9				468.0	100	0.06		6.0
61	107.7	2.734	0.3658	30.9	552.9	522.0	467.1	498.4	0.0601	1.0047	1.0648
62	109.7	2.639	•3723	32.0	553.1	521.1	466.1	498.5	.0644	1.0010	1.0633
63	111.7	2.592	.3790	33.I 34.2	553·3 553·5	519.3	465.2	498.9	.0665	0.9974	1.0603
64	115.9	2.547	-3927	35.3	553.7	518.4	464.2	499.0	.0687	.9930	1.0588
	2=3.9		-33-1	33.3	333.7	320.4	404.2	433.0	.0007	.9901	1.0300
65	118.1	2.503	0.3996	36.5	554.0	517.5	463.3	499.2	0.0708	0.9864	1.0572
66	120.3	2.460	.4066	37.6	554.2	516.5	462.3	499.4	.0729	.9828	1.0557
67	122.5	2.418	.4136	38.7	554.4	515.6	461.4	499.5	.0750	.9792	1.0542
68	124.7	2.377	.4207	39.9	554.6	514.7	460.4	499.7	.0771	.9756	1.0527
69	126.9	2.336	.4280	41.0	554.8	513.7	459.5	499.9	.0792	.9720	1.0512
-				17	7 5					40	
70	129.2	2.296	0.4354	42.1	555.0	512.8	458.5	500.0	0.0813	0.9684	1.0497
71	131.5	2.257	.4430	43.3	555-2	511.9	457.6	500.2	.0834	.9648	1.0482
72	133.9	2.219	.4506	44.4	555.4	511.0	456.6	500.4	.0855	.9613	1.0468
73	136.3	2.182	.4583	45.5	555.6	510.0	455-7	500.5	.0876	.9577	1.0453
74	138.7	2.145	.4662	46.7	555.8	509.1	454.7	500.7	.0898	-9541	1.0439
75	141.1	2 700	0.4742	47 8	556.0	508.1	452 5	500.0	0.0070	0.0505	T 0404
76	141.1	2.109	0.4742	47.8	556.2	507.2	453·7 452·7	500.9	0.0919	0.9505	1.0424
77	146.1	2.039	.4905	50.1	556.4	506.2	451.7	501.2	.0940	.9470	1.0396
78	148.7	2.005	.4988	51.3.	556.6	505.3	450.8	501.3	.0983	.9399	1.0382
79	151.3	1.972	.5071	52.4	556.8	504.3	449.8	501.5	.1004	.9364	1.0368
13	-3-13		13-7-	32.4	330.0	3-4.3	773.0	302.3		19304	1.0300
80	153.9	1.940	0.5155	53.6	557.0	503.4	448.8	501.7	0.1025	0.9329	1.0354
81	156.5	1.908	.5241	54.8	557.I	502.4	447.8	501.8	.1047	.9294	1.0340
82	159.2	1.877	.5328	55.9	557.3	501.4	446.9	502.0	.1068	.9259	1.0327
83	161.9	1.847	.5416	57.1	557.5	500.5	445.9	502.2	.1090	.9223	1.0313
84	164.6	1.817	.5504	58.3	557.7	499.5	444.9	502.3	IIII.	.9188	1.0299
12.61											
85	167.4	1.788	0.5594	59.4	557.9	498.5	443.9	502.5	0.1132	0.9154	1.0286
86	170.2	1.759	.5685	60.6	558.1	497.5	442.9	502.7	.1153	.9119	1.0272
87	173.0	1.731	-5777	61.8	558.3	496.5	441.9	502.8	.1175	9084	1.0259
88	175.9	1.704	.5870	63.0	558.5	495.5	440.9	503.0	.1196	.9050	1.0246
89	178.8	1.677	.5964	64.2	558.7	494.5	439.9	503.1	.1217	.9015	1.0232
90	181.8	1.650	0.6060	6- 0	558.9	400 5	438.9	500.0	0.7008	0.8981	T 0070
91	184.8	1.624	.6158	65.3 66.5	559.1	493.5		503.3	0.1238	.8946	1.0219
92	187.8	1.598	.6258	67.7	559.2	492.5	437.9	503.5	.1259	.8911	1.0192
93	190.9	1.573	.6358	68.9	559.4	490.5	435.9	503.8	.1302	.8877	1.0192
94	194.1	1.548	.6460	70.I	559.6	489.5	434.9	504.0	.1323	.8843	1.0166
74	-51	34-			333.0	4-5.5	737.3	3-4	1-3-3		
95	197.3	1.524	0.656	71.3	559.8	488.5	433.9	504.I	0.1344	0.8809	1.0153
96	200.5	1.500	.667	72.5	560.0	487.5	432.8	504.3	.1365	.8775	1.0140
97	203.8	1.477	.677	73.7	560.2	486.5	431.8	504.5	.1387	.8741	1.0128
98	207.1	1.454	.688	74.9	560.3	485.4	430.8	504.6	.1408	.8707	1.0115
99	210.4	1.431	.699	76.1	560.5	484.4	429.8	504.8	.1429	.8673	1.0102
100	0.7.0	- 4-0			-6.	.0.	1.0			- 90	0-
100	213.8	1.408	0.710	77.3	560.7	483.4	428.7	504.9	0.1450	0.8639	1.0089
101	217.2	1:386	.721	78.5	560.9	482.3	427.7	505.1	.1471	.8605	1.0077
102	220.7	1.365	.732	79.7 80.9	561.1	481.3	426.7	505.2	.1493	.8571	1.0052
103	227.7	1.345	·743 ·755	82.2	561.2	480.3	425.6	505.4	.1514	.8538	1.0052
104	22/./	1.323	.133	02.2	301.4	4/9.2	424.0	303.0	.1535	.0304	1.0040
105	231.2	1.305	0.766	83.4	561.6	478.2	423.5	505.7	0.1557	0.8470	1.0027
106	234.8	1.285	.778	84.6	561.8	477.I	422.5	505.9	.1578	.8437	1.0015
107	238.4	1.266	.790	85.8	561.9	476.1	421.4	506.1	.1599	.8404	1.0003
108	242.I	1.247	.802	87.1	562.1	475.0	420.4	506.2	.1621	.8370	0.9991
109	245.8	1.228	.814	88.3	562.3	474.0	419.3	506.4	.1642	.8337	0.9979
445							7				
110	249.6	1.210	0.826	89.6	562.5	472.9	418.3	506.6	0.1664	0.8303	0.9967
III	253.4	1.192	.839	90.8	562.6	471.8	417.2	506.7	.1686	.8269	-9955
112	257.3	1.174	.852	92.1	562.8	470.7	416.1	506.9	.1707	.8236	.9943
113	261.2	1.156	.865	93.3	563.0	469.6	415.1	507.1	.1729	.8203	.9931
114	265.2	1.139	.878	94.6	563.1	468.5	414.0	507.2	.1750	.8170	.9920
						1					

	Pressure,	Volume,	Weight,	Heat co	ontent .t.u.		t heat	Energy	1	Entropy	
Temp.,	lb. per sq. in.	cu. ft. per lb.	lb. per cu. ft.	of liquid	of vapor	of va- poriza- tion	Inter- nal	of vapor B.t.u.	of liquid	of vapor- ization	of vapor
t	p	٧"	I/V"	i'	i"	r	ρ °	u"	s	r/T	s"
115	269.2	1.122	0.891	95.9	563.3	467.4	412.0	507.4	0.1772	0.8136	0.9908
116	273.3	1.105	.905	97.1	563.5	466.3	411.9	507.6	.1794	.8103	.9897
. 117	277.4	1.088	.919	98.4	563.7	465.2	410.8	507.7	.1816	.8069	.9885
118	281.5	1.072	.933	99.7	563.8	464.1	409.7	507.9	.1838	.8036	.9874
119	285.7	1.057	.946	101.0	564.0	463.0	408.6	508.1	.1859	.8003	.9862
120	289.9	1.042	0.960	102.2	564.2	461.9	407.5	508.2	0.1881	0.7970	0.9851
121	294.2	1.027	0.974	103.5	564.4	460.8	406.4	508.4	.1903	.7937	.9840
122	298.5	1.012	0.988	104.8	564.5	459.7	405.3	508.6	.1925	.7904	.9829
123	302.8	0.998	1.002	106.1	564.7	458.6	404.2	508.8	.1947	.7871	.9818
124	307.2	0.984	1.016	107.4	564.9	457.4	403.1	508.9	.1968	.7839	.9807
125	311.6	0.970	1.031	108.7	565.0	456.3	402.0	509.1	0.1990	0.7806	0.9796
126	316.1	.956	1.046	110.0	565.2	455.2	400.9	509.3	.2012	.7773	.9785
127	320.6	.942	1.061	111.3	565.4	454.0	399.8	509.4	.2034	.7740	.9774
128	325.2	.929	1.076	112.6	565.5	452.8	398.7	509.6	.2056	.7708	.9764
129	329.9	.916	1.092	114.0	565.7	451.7	397.6	509.8	.2078	.7675	-9753
130	334.6	0.903	1.108	115.3	565.9	450.6	396.4	510.0	0.2100	0.7642	0.9742
131	339.4	.890	1.124	116.6	566.0	449.4	395.3	510.2	.2122	.7610	-9732
132	344.2	.877	1.140	118.0	566.2	448.2	394.2	510.3	.2145	.7577	.9721
133	349.0	.865	1.156	119.3	566.4	447.0	393.0	510.5	.2167	.7544	.9711
134	353.9	.853	1.172	120.7	566.5	445.8	391.9	510.7	.2189	.7512	.9701
135	358.8	0.841	1.189	122.0	566.7	444.7	390.7	510.8	0.2211	0.7479	0.9690
136	363.8	.829	1.206	123.4	566.8	443.5	389.6	511.0	.2234	.7446	.9680
137	368.9	.817	1.224	124.7	567.0	442.3	388.4	511.2	.2256	.7414	.9670
138	374.0	.806	1.241	126.1	567.2	441.1	387.3	511.3	.2278	.7381	.9659
139	379.2	.795	1.258	127.4	567.3	439.9	386.1	511.5	.2301	.7348	.9649
140	384.4	0.784	1.275	128.8	567.5	438.6	384.9	511.7	0.2323	0.7316	0.9639
141	389.7	.773	1.293	130.2	567.6	437.4	383.8	511.8	.2346	.7283	.9629
142	395.0	.762	1.312	131.6	567.8	436.2	382.6	512.0	.2368	.7251	.9619
143	400.4	.751	1.331	133.0	567.9	435.0	381.4	512.2	.2391	.7218	.9609
144	405.8	.741	1.349	134.4	568.1	433.7	380.2	512.4	.2413	.7186	-9599
145	411.3	0.731	1.368	135.8	568.3	432.5	379.0	512.6	0.2436	0.7154	0.9589
146	416.8	.721	1.387	137.2	568.4	431.2	377.8	512.7	.2459	.7121	.9579
147	422.4	.711	1.406	138.6	568.6	430.0	376.6	512.9	.2481	.7089	.9570
148	428.0	.701	1.425	140.0	568.7	428.7	375.4	513.1	.2504	.7056	.9560
149	433-7	.692	1.445	141.5	568.9	427.4	374.2	513.3	.2527	.7024	.9551
150	439.5	0.683	1.465	142.9	569.0	426.2	373.0	513.4	0.2550	0.6991	0.9541
155	469.1	.638	1.567	150.1	569.8	419.7	366.9	514.4	.2666	.6829	-9495
160	500.1	-597	1.676	157.5	570.5	413.0	360.6	515.3	.2784	.6666	.9450
165	532.6	.558	1.792	165.1	571.3	406.2	354.2	516.2	.2903	.6503	.9406
170	566.6	.522	1.915	172.9	572.0	399.1	347.6	517.2	.3023	.6340	.9363
175	602.2	0.489	2.045	180.9	572.7	391.8	340.8	518.2	0.3146	0.6175	0.9321
180	639.5	.458	2.183	189.1	573.4	384.3	333.9	519.2	.3271	.6010	.9281
/185	678.4	.429	2.330	197.5	574.0	376.6	326.8	520.2	.3399	.5843	.9242
190	719.0	.402	2.488	206.2	574-7	368.5	319.4	521.2	.3530	.5674	.9204
195	761.4	.376	2.660	215.2	575-4	360.2	311.8	522.3	.3664	.5503	.9167

90				ABLE 9. SUPERHEATED AMMONIA								
Pres- sure		15 [-26.4]			16 [-24.1]			17 [-21.9]			18 [-19.8]	
Temp ° F	▼	s	i	v	s	i	<b>V</b>	s	i	V	s	i
Sat.	17.6	1.234	530.9	16.6	1.229	531.6	15.6	1.224	532.2	14.8	1.219	532.8
-20 -10	17.9 18.4	1.243	534·4 539·9	16.8	1.234	533.8 539.3	15.7	1.226	533·3 538.9	15.3	1.231	538.4
0	18.9	1.267	545.2	17.7	1.258	544.7	16.6	1.250	544-3	15.7	1.243	543.9
20	19.3	1.278	550.5 555.7	18.1	1.270	550.1 555.4	17.0	1.262	549·7 555.0	16.1	1.255	549·3 554·7
30 40	20.2	1.300	560.9 566.0	19.0	1.292	560.6 565.8	17.8	1.284	560.3 565.5	16.8	1.277	560.0 565.2
50	21.1	1.320	571.1	19.8	1.312	570.9	18.6	1.305	570.6	17.6	1.298	570.3
60	21.5	1.330	576.2 581.3	20.2	1.322	576.0 581.0	19.0	1.315	575·7 580.8	18.0	1.308	575·5 580.6
80	22.4	1.349	586.3	21.0	1.341	586.0	19.4	1.325	585.8	18.7	1.310	585.7
90	22.9	1.358	591.4	21.5	1.350	591.1	20.2	1.343	591.0	19.1	1.336	590.8
100	23.3 23.7	1.367	596.4	21.9	1.359	596.1 601.1	20.6	1.352	596.0 601.0	19.4	I.345 I.354	595.8 600.8
120	24.2	1.385	606.4	22.7	1.377	606.2	21.4	1.370	606.0	20.1	1.363	605.9
130	24.6 25.1	1.394	611.4	23.1	1.386	611.2 616.2	21.7 22.1	1.379	611.0 616.1	20.5	1.372	616.0
150				23.5	1.394	621.2			621.1	20.9	1.380	
160	25.5 25.9	1.410	621.4	23.9	1.403	626.2	22.5	1.395	626.1	21.2	1.388	621.0
170	26.3	1.426	631.4	24.7	1.419	631.2	23.3	1.412	631.1	22.0	1.405	631.0
180	26.8 <sup>-</sup> 27.7	1.434	636.4 646.5	25.1 26.0	I.427 I.442	636.3 646.4	23.7 24.5	1.420	636.2 646.3	22.4	1.413	636.1 646.2
<b>220</b> 240	28.5 29.3	1.464	656.7 666.9	26.8 27.6	1.457	656.6 666.8	25.3 26.1	1.450	656.5 666.7	23.9 24.7	1.443	656.4 666.6
			t .		-	1		1	,		ł	
		19 [-17.8]			20 [-15.9]			21 [-14.0]			22 [-12.2]	
Sat.	14.1		533.4	13.4		534.0	12.8		534.6	12.3		535.1
Sat.	14.1	[-17.8]	533.4	13.4	[-15.9]	534.0 537.4	12.8	[-14.0]	534.6 536.9	12.3	[-12.2]	535.I 536.4
	i ii	[-17.8]			[-15.9] 1.209			[-14.0]	2.00		[-12.2]	
-10 0	14.4 14.8 15.2	[-17.8] 1.214 1.224 1.236 1.248	537·9 543·4 548.8	13.7 14.0 14.4	[-15.9] 1.209 1.217 1.229 1.241	537·4 542·9 548·4	13.0 13.3 13.7	[-14.0] 1.205 1.210 1.222 1.234	536.9 542.5 548.1	12.4 12.7 13.1	[-12.2] 1.201 1.204 1.216 1.228	536.4 542.1 547.7
-10 0 10 20	14.4 14.8 15.2 15.5	[-17.8] 1.214 1.224 1.236 1.248 1.259	537·9 543·4 548.8 554·2	13.7 14.0 14.4 14.7	[-15.9] 1.209 1.217 1.229 1.241 1.252	537.4 542.9 548.4 553.9	13.0 13.3 13.7 14.0	[-14.0] 1.205 1.210 1.222 1.234 1.246	536.9 542.5 548.1 553.6	12.4 12.7 13.1 13.4	[-12.2] 1.201 1.204 1.216 1.228 1.240	536.4 542.1 547.7 553.2
-10 0	14.4 14.8 15.2	[-17.8] 1.214 1.224 1.236 1.248	537·9 543·4 548.8	13.7 14.0 14.4	[-15.9] 1.209 1.217 1.229 1.241	537·4 542·9 548·4	13.0 13.3 13.7	[-14.0] 1.205 1.210 1.222 1.234	536.9 542.5 548.1	12.4 12.7 13.1	[-12.2] 1.201 1.204 1.216 1.228	536.4 542.1 547.7
-10 0 10 20 30 40	14.4 14.8 15.2 15.5 15.9 16.3	[-17.8] 1.214 1.224 1.236 1.248 1.259 1.270 1.281 1.291	537.9 543.4 548.8 554.2 559.6 564.9 570.1	13.7 14.0 14.4 14.7 15.1 15.5	[-15.9] 1.209 1.217 1.229 1.241 1.252 1.263 1.274 1.284	537.4 542.9 548.4 553.9 559.2 564.5	13.0 13.3 13.7 14.0 14.4 14.7	[-14.0] 1.205 1.210 1.222 1.234 1.246 1.257 1.268 1.278	536.9 542.5 548.1 553.6 558.9 564.2	12.4 12.7 13.1 13.4 13.7 14.0	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.251 1.262	536.4 542.1 547.7 553.2 558.6 564.0 569.3
-10 0 10 20 30 40 50	14.4 14.8 15.2 15.5 15.9 16.3 16.7	[-17.8]  1.214  1.224  1.236 1.248 1.259 1.270 1.281 1.291 1.301	537.9 543.4 548.8 554.2 559.6 564.9 570.1 575.3	13.7 14.0 14.4 14.7 15.1 15.5	[-15.9] 1.209 1.217 1.229 1.241 1.252 1.263 1.274 1.284 1.294	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0	13.0 13.3 13.7 14.0 14.4 14.7	[-14.0] 1.205 1.210 1.222 1.234 1.246 1.257 1.268 1.278 1.288	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7	12.4 12.7 13.1 13.4 13.7 14.0	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.251 1.262 1.272 1.282	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5
-10 0 10 20 30 40 50 60 70	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0	[-17.8]  1.214  1.224  1.236  1.248  1.259  1.270  1.281  1.291  1.301  1.311	537.9 543.4 548.8 554.2 559.6 564.9 570.1 575.3 580.4	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5	[-15.9] 1.209 1.217 1.229 1.241 1.252 1.263 1.274 1.284 1.294 1.304	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7	1.205 1.210 1.222 1.234 1.246 1.257 1.268 1.278 1.288 1.298	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7 579.9	12.4 12.7 13.1 13.4 13.7 14.0	[-12.2] I.201 I.204 I.216 I.228 I.240 I.251 I.262 I.272 I.282 I.292	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7
-10 0 10 20 30 40 50 60 70 80	14.4 14.8 15.2 15.5 15.9 16.3 16.7	[-17.8]  1.214  1.224  1.236 1.248 1.259 1.270 1.281 1.291 1.301	537.9 543.4 548.8 554.2 559.6 564.9 570.1 575.3	13.7 14.0 14.4 14.7 15.1 15.5	[-15.9] 1.209 1.217 1.229 1.241 1.252 1.263 1.274 1.284 1.294	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0	13.0 13.3 13.7 14.0 14.4 14.7	[-14.0] 1.205 1.210 1.222 1.234 1.246 1.257 1.268 1.278 1.288	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7	12.4 12.7 13.1 13.4 13.7 14.0	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.251 1.262 1.272 1.282	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5
-10 0 10 20 30 40 50 60 70 80 90	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0	I.214 I.224 I.236 I.248 I.259 I.270 I.281 I.291 I.301 I.312 I.320 I.329	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1	[-15.9] 1.209 1.217 1.229 1.241 1.252 1.263 1.274 1.284 1.304 1.314 1.323 1.332	537-4 542-9 548-4 553-9 559-2 564-5 569-8 575-0 580-2 585-3 590-4 595-5	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.298 I.308 I.317 I.326	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7 579.9 585.1 590.2	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6	I.201 I.204 I.216 I.228 I.240 I.251 I.262 I.272 I.282 I.292 I.302 I.312 I.321	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 590.0
-10 0 10 20 30 40 50 60 70 80 90	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0	I.214 I.224 I.236 I.248 I.250 I.270 I.281 I.291 I.301 I.311 I.320 I.329 I.339 I.348	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1	[-15.9] 1.209 1.217 1.229 1.241 1.253 1.274 1.284 1.304 1.314 1.323 1.332 1.341	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7 579.9 585.1 590.2	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6 15.9 16.2	I.201 I.204 I.216 I.228 I.240 I.251 I.262 I.272 I.282 I.292 I.302 I.312 I.321 I.330	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 590.0 595.1 600.2
-10 0 10 20 30 40 50 60 70 80 90 100 110	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.7 19.0	I.214 I.224 I.236 I.248 I.259 I.270 I.281 I.301 I.311 I.320 I.329 I.339 I.348 I.357	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1 17.5 17.8 18.1	[-15.9] 1.209 1.217 1.229 1.241 1.252 1.263 1.274 1.284 1.304 1.314 1.323 1.332 1.341 1.350	537-4 542-9 548-4 553-9 559-2 564-5 569-8 575-0 585-3 590-4 595-5 605-6	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3 16.6 16.9 17.2	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335 I.344	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7 579.9 585.1 590.2 595.3 600.4 605.4	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6 15.9 16.2 16.5	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.250 1.252 1.262 1.272 1.282 1.302 1.312 1.330 1.339	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.0 595.1 600.2 605.3
-10 0 10 20 30 40 50 60 70 80 90	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.7 19.0 19.4	I.214 I.224 I.236 I.248 I.250 I.270 I.281 I.291 I.301 I.311 I.320 I.329 I.339 I.348	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6 595-7 600-7 605-8	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1	[-15.9] 1.209 1.217 1.229 1.241 1.253 1.274 1.284 1.304 1.314 1.323 1.332 1.341	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7 579.9 585.1 590.2	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6 15.9 16.2	I.201 I.204 I.216 I.228 I.240 I.251 I.262 I.272 I.282 I.292 I.302 I.312 I.321 I.330	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 590.0 595.1 600.2
-10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140	14.4 14.8 15.2 15.5 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.7 19.0 19.4 19.8	I.214 I.224 I.236 I.248 I.250 I.270 I.281 I.291 I.301 I.311 I.320 I.329 I.348 I.357 I.365 I.374 I.382	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6 595-7 600-7 605-8 610-8 615-8	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1 17.5 17.8 18.1 18.4 18.8	[-15.9]  1.209  1.217  1.229 1.241 1.252 1.263 1.274  1.284 1.394 1.314 1.323  1.332 1.341 1.350 1.359 1.368 1.376	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 585.2 585.3 590.4 595.5 605.6 610.7 615.7 620.8	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 16.0 16.3 16.6 16.9 17.2 17.5 17.8	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335 I.344 I.353 I.362 I.370	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7 579.9 585.1 590.2 595.3 600.4 605.4 610.5 615.5	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6 15.9 16.2 16.5 16.8 17.1 17.3	1.201 1.204 1.216 1.228 1.240 1.251 1.262 1.272 1.282 1.292 1.302 1.312 1.330 1.339 1.347 1.356	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 590.0 595.1 600.2 605.3 610.4 615.4
-10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.7 19.0 19.4 19.8	I-214 I.224 I.224 I.226 I.248 I.259 I.270 I.281 I.301 I.311 I.320 I.329 I.339 I.348 I.357 I.365 I.374 I.382 I.390	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6 595-7 600-7 600-8 610-8 615-8	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1 17.5 18.1 18.4 18.8 19.1 19.4	[-15.9]  1.209  1.217  1.229 1.241 1.253 1.274  1.284 1.304 1.314 1.323  1.341 1.350 1.359 1.368  1.376 1.384	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4 595.5 600.5 600.7 615.7 620.8 625.8	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3 16.6 16.9 17.2 17.5 17.8 18.1 18.4	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335 I.344 I.353 I.362 I.370 I.370	536.9  542.5 548.1 553.6 558.9 564.2  569.5 574.7 579.9 585.1 590.2  595.3 600.4 610.5 610.5 615.5	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6 15.9 16.2 16.5 16.8 17.1 17.3 17.6	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.251 1.262 1.272 1.282 1.302 1.312 1.321 1.330 1.347 1.356 1.364 1.372	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.0 595.1 600.2 605.3 610.4 615.4 620.5 625.6
-10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.7 19.8 20.1 20.4 20.8	I.214 I.224 I.236 I.248 I.259 I.270 I.281 I.301 I.311 I.320 I.329 I.348 I.357 I.365 I.374 I.382 I.390 I.398	537-9 543-4 548-8 554-2 559-6 564-9 570.1 575-3 580-4 585-5 590-6 595-7 600-7 605-8 610-8 615-8	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1 17.5 17.8 18.1 18.4 18.8 19.1 19.4 19.7	[-15.9]  1.209  1.217  1.229  1.241  1.252  1.263  1.274  1.284  1.304  1.314  1.323  1.341  1.353  1.359  1.368  1.376  1.384  1.392	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4 595.5 605.6 610.7 615.7 620.8 625.8 630.8	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3 16.6 16.9 17.2 17.5 17.8 18.1 18.4 18.7	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335 I.341 I.353 I.362 I.370 I.370 I.378 I.386	536.9 542.5 548.1 553.6 558.9 564.2 569.5 574.7 579.9 585.1 590.2 595.3 600.4 605.4 610.5 615.5 620.6 625.7 630.7	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6 15.9 16.5 16.8 17.1 17.3 17.6 17.9	I.201 I.204 I.216 I.228 I.240 I.251 I.262 I.272 I.282 I.292 I.302 I.312 I.330 I.339 I.347 I.356 I.364 I.372 I.381	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 595.1 600.2 605.3 615.4 620.5 625.6 630.6
-10 0 10 20 30 40 50 60 70 80 90 110 120 130 140 150 160 170	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.7 19.0 19.4 19.8 20.1 20.4 20.8 21.2	I-214 I.224 I.224 I.226 I.248 I.259 I.270 I.281 I.301 I.311 I.320 I.329 I.339 I.348 I.357 I.365 I.374 I.382 I.390	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6 595-7 600-7 600-8 610-8 615-8	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1 17.5 18.1 18.4 18.8 19.1 19.4	[-15.9]  1.209  1.217  1.229 1.241 1.253 1.274  1.284 1.304 1.314 1.323  1.341 1.350 1.359 1.368  1.376 1.384	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4 595.5 600.5 600.7 615.7 620.8 625.8	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3 16.6 16.9 17.2 17.5 17.8 18.1 18.4	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335 I.344 I.353 I.362 I.370 I.370	536.9  542.5 548.1 553.6 558.9 564.2  569.5 574.7 579.9 585.1 590.2  595.3 600.4 610.5 610.5 615.5	12.4 12.7 13.1 13.4 13.7 14.0 14.3 14.7 15.0 15.3 15.6 15.9 16.2 16.5 16.8 17.1 17.3 17.6	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.251 1.262 1.272 1.282 1.302 1.312 1.321 1.330 1.347 1.356 1.364 1.372	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.0 595.1 600.2 605.3 610.4 615.4 620.5 625.6
-10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 200	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.4 19.0 19.4 19.8 20.1 20.4 20.8 21.2 21.9 22.6	I.214 I.224 I.236 I.248 I.259 I.270 I.281 I.301 I.311 I.320 I.329 I.348 I.357 I.365 I.374 I.382 I.390 I.398 I.406	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6 595-7 600-7 605-8 610-8 615-8 620-9 630-9 636-0 646-1 656-3	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1 17.5 17.8 18.4 18.8 19.1 19.4 19.7 20.1	I.209 I.217 I.229 I.241 I.252 I.263 I.274 I.284 I.304 I.314 I.323 I.332 I.341 I.350 I.359 I.368 I.376 I.384 I.392 I.400	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4 595.5 600.5 600.5 610.7 615.7 620.8 630.8 635.9 646.0	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3 16.6 16.9 17.5 17.8 18.1 18.4 18.7 19.1	I.205 I.210 I.222 I.234 I.246 I.257 I.268 I.278 I.288 I.308 I.317 I.326 I.335 I.344 I.353 I.362 I.370 I.378 I.386 I.394	536.9  542.5 548.1 553.6 558.9 564.2  569.5 574.7 579.9 585.1 590.2  595.3 600.4 610.5 615.5  620.6 625.7 630.7 635.8 645.9	12.4  12.7 13.1 13.4 13.7 14.0  14.3 14.7 15.0 15.3 15.6  15.9 16.2 16.5 16.8 17.1  17.3 17.6 17.9 18.2 18.8	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.251 1.262 1.272 1.282 1.302 1.312 1.330 1.339 1.347 1.356 1.364 1.372 1.381 1.389 1.404 1.419	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 590.0 595.1 600.2 605.3 610.4 615.4 620.5 625.6 630.6 635.7 645.8 656.0
-10 0 10 20 30 40 50 60 70 80 90 110 120 130 140 150 160 170 180 200 240	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.4 19.8 20.1 20.4 20.8 21.2 21.9 22.6 23.2	I.214 I.224 I.236 I.248 I.259 I.270 I.281 I.291 I.301 I.311 I.320 I.329 I.348 I.357 I.365 I.374 I.382 I.390 I.398 I.406 I.421 I.437 I.452	537-9 543-4 548-8 554-2 559-6 564-9 570.1 575-3 580-4 585-5 590-6 595-7 600-7 8610-8 615-8 620-9 636-9 636-0 646-1 656-3 666-5	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.5 16.8 17.1 17.5 17.8 18.1 18.4 18.8 19.1 19.7 20.1 20.8	[-15.9]  1.209  1.217  1.229  1.241  1.252  1.263  1.274  1.284  1.304  1.314  1.323  1.332  1.341  1.359  1.368  1.376  1.384  1.392  1.400  1.415  1.431  1.446	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4 595.5 600.5 6010.7 615.7 620.8 625.8 635.9 646.0 656.2 666.4	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.6 16.9 17.5 17.8 18.1 18.4 18.7 19.1 19.7	[-14.0]  1.205  1.210  1.222 1.234 1.246 1.257 1.268  1.278 1.288 1.308 1.317  1.326 1.335 1.344 1.353 1.362 1.370 1.370 1.378 1.386 1.394 1.410 1.425 1.440	536.9  542.5 548.1 553.6 558.9 564.2  569.5 574.7 579.9 585.1 590.2  595.3 600.4 605.4 605.4 605.5 615.5  620.6 625.7 630.7 635.8 645.9  656.1 666.3	12.4  12.7 13.1 13.4 13.7 14.0  14.3 14.7 15.0 15.3 15.6  15.9 16.5 16.8 17.1  17.3 17.6 17.9 18.2 18.8	I.201 I.204 I.216 I.228 I.240 I.251 I.262 I.272 I.282 I.292 I.302 I.312 I.330 I.347 I.356 I.364 I.372 I.381 I.389 I.404 I.419 I.434	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 590.0 595.1 600.2 605.3 610.4 615.4 620.5 625.6 630.6 630.7 645.8 656.0 666.2
-10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 200	14.4 14.8 15.2 15.5 15.9 16.3 16.7 17.0 17.3 17.7 18.0 18.4 18.4 19.8 20.1 20.4 20.8 21.2 21.9 22.6 23.2	I.214 I.224 I.236 I.248 I.259 I.270 I.281 I.301 I.311 I.320 I.329 I.348 I.357 I.365 I.374 I.382 I.390 I.398 I.406 I.421 I.437	537-9 543-4 548-8 554-2 559-6 564-9 570-1 575-3 580-4 585-5 590-6 595-7 600-7 605-8 610-8 615-8 620-9 630-9 636-0 646-1 656-3	13.7 14.0 14.4 14.7 15.1 15.5 15.8 16.2 16.8 17.1 17.5 17.8 18.1 18.4 18.8 19.1 19.4 19.7 20.1 20.8	[-15.9]  1.209  1.217  1.229  1.241  1.252  1.263  1.274  1.284  1.304  1.314  1.323  1.341  1.353  1.341  1.359  1.368  1.376  1.384  1.392  1.400  1.415	537.4 542.9 548.4 553.9 559.2 564.5 569.8 575.0 580.2 585.3 590.4 595.5 600.5 600.5 610.7 615.7 620.8 630.8 635.9 646.0	13.0 13.3 13.7 14.0 14.4 14.7 15.0 15.4 15.7 16.0 16.3 16.6 16.9 17.2 17.5 17.8 18.1 18.4 18.7 19.1 19.7	[-14.0]  1.205  1.210  1.222  1.234  1.246  1.257  1.268  1.278  1.288  1.308  1.317  1.326  1.335  1.344  1.353  1.362  1.370  1.370  1.378  1.386  1.394  1.410	536.9  542.5 548.1 553.6 558.9 564.2  569.5 574.7 579.9 585.1 590.2  595.3 600.4 610.5 615.5  620.6 625.7 630.7 635.8 645.9	12.4  12.7 13.1 13.4 13.7 14.0  14.3 14.7 15.0 15.3 15.6  15.9 16.2 16.5 16.8 17.1  17.3 17.6 17.9 18.2 18.8	[-12.2] 1.201 1.204 1.216 1.228 1.240 1.251 1.262 1.272 1.282 1.302 1.312 1.330 1.339 1.347 1.356 1.364 1.372 1.381 1.389 1.404 1.419	536.4 542.1 547.7 553.2 558.6 564.0 569.3 574.5 579.7 584.9 590.0 595.1 600.2 605.3 610.4 615.4 620.5 625.6 630.6 635.7 645.8 656.0

Pres- sure	[-10.5]			24 [-8.8]			25 [-7.2]			<b>26</b> [-5.7]		
Temp ° F.	<b>v</b>	s	i	Ψ.	s	i	▼	8	i	V	8	i
Sat.	11.8	1.197	535.6	11.3	1.193	536.1	10.9	1.190	536.5	10.5	1.186	536.9
0 10 20 30 40	12.1 12.5 12.8 13.1 13.4	1.210 1.222 1.234 1.245 1.256	541.7 547.3 552.8 558.3 563.7	11.6 11.9 12.2 12.5 12.8	1.204 1.217 1.229 1.240 1.251	541.2 546.9 552.4 557.9 563.3	11.1 11.4 11.7 12.0 12.3	1.199 1.211 1.223 1.235 1.246	540.8 546.5 552.1 557.6 563.0	10.7 11.0 11.3 11.5 11.8	1.193 1.206 1.218 1.230 1.241	540.3 546.1 551.7 557.2 562.7
50 60 70 80 90	13.7 14.0 14.3 14.6 14.9	1.267 1.277 1.287 1.297 1.306	569.0 574.3 579.5 584.7 589.8	13.1 13.4 13.7 14.0 14.3	1.262 1.272 1.282 1.291 1.301	568.7 574.0 579.2 584.4 589.5	12.6 12.8 13.1 13.4 13.7	1.256 1.266 1.276 1.286 1.296	568.4 573.7 578.9 584.1 589.3	12.1 12.3 12.6 12.9 13.2	1.251 1.261 1.271 1.281 1.291	568.1 573.4 578.7 583.9 589.2
100 110 120 130 140	15.2 15.5 15.8 16.0 16.3	1.315 1.324 1.333 1.342 1.351	595.0 600.1 605.2 610.3 615.3	14.5 14.8 15.1 15.3 15.6	1.310 1.319 1.328 1.337 1.346	594·7 599·9 605.0 610.1 615.1	13.9 14.2 14.5 14.7 15.0	1.305 1.314 1.323 1.332 1.341	594.5 599.7 604.8 609.9 615.0	13.4 13.6 13.9 14.1 14.4	1.300 1.309 1.318 1.327 1.336	594.4 599.6 604.7 609.8 614.9
150 160 170 180 190	16.5 16.8 17.1 17.4 17.7	1.359 1.367 1.375 1.383 1.391	620.4 625.4 630.5 635.6 640.7	15.8 16.1 16.4 16.7 16.9	1.354 1.362 1.370 1.378 1.386	620.2 625.3 630.4 635.5 640.6	15.2 15.4 15.7 16.0 16.2	1.349 1.357 1.365 1.373 1.381	620.1 625.2 630.3 635.4 640.5	14.6 14.8 15.1 15.4 15.6	1.344 1.352 1.360 1.368 1.376	620.0 625.1 630.2 635.3 640.4
200 220 240 260	18.0 18.5 19.1 19.7	1.399 1.414 1.429 1.444	645.8 656.0 666.2 676.4	17.2 17.7 18.3 18.9	1.394 1.409 1.424 1.438	645.7 655.9 666.1 676.3	16.5 17.0 17.6 18.1	1.389 1.404 1.419 1.433	645.6 655.8 666.0 676.2	15.9 16.4 16.9 17.4	1.384 1.399 1.414 1.429	645.5 655.8 666.0 676.2
		<b>27</b> [-4.2]			28 [-2.7]			<b>30</b> [+0.1]			<b>32</b> [2.7]	5.3
Sat.	10.1	1.183	537-4	9.8	1.180	537.8	9.17	1.174	538.5	8.64	1.168	539.3
0 10 20 30 40	10.2 10.5 10.8 11.1 11.3	1.188 1.201 1.213 1.225 1.236	539.8 545.7 551.4 556.9 562.4	9.9 10.2 10.4 10.7 10.9	1.183 1.196 1.208 1.220 1.231	539.4 545.3 551.0 556.6 562.1	9.45 9.70 9.94 10.18	1.187 1.199 1.211 1.222	544.5 550.3 556.0 561.6	8.83 9.06 9.29 9.52	1.178 1.190 1.202 1.213	543·7 549·5 555·3 561.0
. <b>50</b> 60 70 80 90	11.6 11.8 12.1 12.4 12.6	1.246 1.257 1.267 1.277 1.286	567.9 573.2 578.5 583.7 589.0	11.2 11.4 11.7 11.9 12.2	1.242 1.252 1.262 1.272 1.282	567.6 572.9 578.2 583.5 588.8	10.41 10.64 10.87 11.10 11.32	1.233 1.243 1.253 1.263 1.273	567.1 572.5 577.9 583.2 588.5	9.74 9.95 10.17 10.38 10.60	1.224 1.235 1.245 1.255 1.265	566.5 572.0 577.5 582.8 588.1
100 110 120 130 140	12.9 13.1 13.4 13.6 13.8	1.296 1.305 1.314 1.323 1.331	594.2 599.4 604.6 609.7 614.8	12.4 12.6 12.9 13.1 13.2	1.291 1.300 1.309 1.318 1.326	594.0 599.2 604.4 609.5 614.6	11.55 11.77 11.99 12.21 12.43	1.283 1.292 1.301 1.310 1.318	593.7 598.9 604.1 609.3 614.4	10.81 11.02 11.23 11.44 11.64	1.275 1.284 1.293 1.302 1.310	593·3 598.6 603.8 609.0 614.1
				6	1.335	619.7	12.65	1.327	619.5	11.85	1.319	619.3
150 160 170 180 190	14.1 14.3 14.5 14.8 15.0	1.340 1.348 1.356 1.364 1.372	619.9 625.0 630.1 635.2 640.3	13.6 13.8 14.0 14.3 14.5	1.344 1.352 1.360 1.368	624.9 630.0 635.1 640.2	12.87 13.08 13.30 13.52	1.335 1.344 1.352 1.360	624.7 629.8 634.9 640.0	12.05 12.25 12.46 12.67	1.327 1.336 1.344 1.352	624.5 629.6 634.7 639.8

Pres- sure	[5:3]			<b>36</b> [7.7]	*1 K		38			40		
Temp	v	s	i	v	s	i	v	s	i	v	s	i
Sat.	8.15	1.163	540.0	7.73	1.158	540.6	7.34	1.153	541.2	6.99	1.149	541.8
10	8.26	1.169	542.9	7.78	1.161	542.0	7.34	1.153	541.2			
20	8.50	1.182	548.8	8.01	1.174	548.0	7.56	1.166	547.3	.7.17	1.159	546.6
30	8.72	1.194	554.6	8.22	1.186	553.9	7.76	1.179	553.3	7.36	1.172	552.6
40	8.93	1.205	560.4	8.42	1.198	559.7	7.96	1.191	559.1	7.54	1.184	558.5
50	9.14	1.216	566.0	8.62	1.209	565.4	8.15	1.202	564.8	7.72	1.195	564.3
60	9.35	1.227	571.5	8.81	1.220	571.0	8.33	1.213	570.5	7.90 8.08	1.206	570.0
70 80	9.56	1.237	577.0	9.01	1.230	576.5 581.9	8.52 8.70	1.223	576.0	8.25	I.217 I.227	575.5 581.0
90	9.76	1.257	587.7	9.39	1.250	587.3	8.88	1.243	586.8	8.42	1.237	586.4
					4 .						21237	100
100	10.16	1.267	593.0	9.58	1.260	592.6	9.06	1.253	592.2	8.59	1.247	591.8
110	10.36	1.276	598.2	9.77	1.269	597.8	9.24	1.262	597.5	8.76	1.256	597.2
120	10.56	1.285	603.4	9.96	1.278	603.1	9.42	1.272	602.8	8.93	1.265	602.5
130	10.76	1.294	608.7	10.15	1.287	608.4 613.6	9.60	1.281	608.1	9.10	1.274	607.8
140	10.95	1.303	613.9	10.33	1.296		9.77	1.289	613.3	9.27	1.283	613.0
150	11,14	1.312	619.1	10.51	1.305	618.8	9.95	1.298	618.5	9.44	1.292	618.2
160	11.33	1.320	624.2	10.69	1.313	624.0	10.12	1.307	623.7	9.61	1.300	623.4
170	11.52	1.328	629.3	10.87	1.321	629.1	10.29	1.315	628.9	9.77	1.309	628.6.
180	11.72	1.336	634.5	11.06	1.329	634.3	10.47	1.323	634.1	9.93	1.317	633.9
190	11.91	1.344	639.7	11.24	1.337	639.5	10.64	1.331	639.3	10.10	1.325	639.1
200	12.10	1.352	644.9	11.42	1.346	644.7	10.81	1.339	644.5	10.26	1.333	644.3
220	12.48	1.368	655.1	11.78	1.361	655.0	11.15	1.354	654.8	10.58	1.348	654.6
240	12.86	1.383	665.4	12.13	1.376	665.3	11.49	1.369	665.2	10.90	1.363	665.0
260	13.24	1.397	675.7	12.48	1.391	675.6	11.83	1.384	675.5	11.23	1.378	675 4
280	13.62	1.412	686.0	12.84	1.405	685.9	12.17	1.398	685.8	11.55	1.392	685.7
	1	1	1		-	1	1				1	1
		<b>42</b> [14.4]			<b>44</b> [16.4]			<b>46</b> [18.4]			48 [20.3]	
Sat.	6.67		542.3	6.38		542.8	6.12		543.3	5.88		543.8
		1.145			[16.4]		100	[18.4]			[20.3]	543.8
20	6.81	[14.4]	545.8	6.38 6.47 6.65	[16.4] 1.141 1.145	545.1	6.15	[18.4] 1.137 1.139	544.3	5.88	[20.3]	
		[14.4] 1.145 1.152		6.47	[16.4]		100	[18.4]			[20.3]	543.8  550.0 556.1
20 30	6.81 7.00 7.17	[14.4] 1.145 1.152 1.165 1.177	545.8 551.9 557.9	6.47 6.65 6.82	[16.4] 1.141 1.145 1.158 1.170	545.1 551.3 557.3	6.15 6.33 6.51	[18.4]  1.137  1.139 1.152 1.164	544.3 550.6 556.7	6.06	[20.3] 1.133 1.146 1.158	550.0 556.1
20 30 40	6.81 7.00 7.17 7.34	[14.4] 1.145 1.152 1.165	545.8 551.9 557.9 563.7	6.47 6.65	[16.4] 1.141 1.145 1.158	545.1 551.3 557.3	6.15	[18.4] 1.137 1.139 1.152	544.3 550.6 556.7 562.6	6.06 6.22 6.38	[20.3] 1.133 1.146	550.0 556.1 562.0
20 30 40 <b>50</b>	6.81 7.00 7.17	[14.4]  1.145  1.152 1.165 1.177  1.188	545.8 551.9 557.9	6.47 6.65 6.82 6.99	[16.4]  1.141  1.145 1.158 1.170  1.182	545.1 551.3 557.3	6.15 6.33 6.51 6.68	[18.4]  1.137  1.139 1.152 1.164 1.176	544.3 550.6 556.7	6.06	[20.3] 1.133 1.146 1.158 1.170	550.0 556.1
20 30 40 <b>50</b> 60	6.81 7.00 7.17 7.34 7.51	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220	545.8 551.9 557.9 563.7 569.5 575.1 580.6	6.47 6.65 6.82 6.99 7.16	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193	545.1 551.3 557.3 563.2 569.0 574.6 580.2	6.15 6.33 6.51 6.68 6.84	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187	544.3 550.6 556.7 562.6 568.4	6.06 6.22 6.38 6.54	[20.3] 1.133 1.146 1.158 1.170 1.182	550.0 556.1 562.0 567.9
20 30 40 <b>50</b> 60 70	6.81 7.00 7.17 7.34 7.51 7.68	[14.4] 1.145 1.152 1.165 1.177 1.188 1.199 1.210	545.8 551.9 557.9 563.7 569.5 575.1	6.47 6.65 6.82 6.99 7.16 7.32	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204	545.1 551.3 557.3 563.2 569.0 574.6	6.15 6.33 6.51 6.68 6.84 6.99	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198	544.3 550.6 556.7 562.6 568.4 574.1	6.06 6.22 6.38 6.54 6.69	[20.3]  1.133  1.146 1.158  1.170 1.182 1.193	550.0 556.1 562.0 567.9 573.6
20 30 40 <b>50</b> 60 70 80	6.81 7.00 7.17 7.34 7.51 7.68 7.85	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220	545.8 551.9 557.9 563.7 569.5 575.1 580.6	6.47 6.65 6.82 6.99 7.16 7.32 7.48	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214	545.1 551.3 557.3 563.2 569.0 574.6 580.2	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209	544·3 550.6 556.7 562.6 568.4 574·1 579·7	6.06 6.22 6.38 6.54 6.69 6.84 6.98	[20.3]  1.133  1.146 1.158  1.170 1.182 1.193 1.203	550.0 556.1 562.0 567.9 573.6 579.3 584.9
20 30 40 <b>50</b> 60 70 80 90	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230 1.240	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219	544·3 550·6 556·7 562·6 568·4 574·1 579·7 585·3	6.06 6.22 6.38 6.54 6.69 6.84	[20.3]  1.133 1.146 1.158  1.170 1.182 1.193 1.203 1.213	550.0 556.1 562.0 567.9 573.6 579.3 584.9
20 30 40 <b>50</b> 60 70 80 90	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219	544·3 550·6 556·7 562·6 568·4 574·1 579·7 585·3 590·8	6.06 6.22 6.38 6.54 6.69 6.84 6.98	[20.3]  1.133  1.146 1.158  1.170 1.182 1.193 1.203 1.213 1.223 1.223	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9
20 30 40 <b>50</b> 60 70 80 90	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.50 8.66	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230  1.240 1.259 1.259 1.268	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.229 1.238 1.248 1.257	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6 606.9	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27	[20.3]  1.133 1.146 1.158  1.170 1.182 1.193 1.203 1.213	550.0 556.1 562.0 567.9 573.6 579.3 584.9
20 30 40 <b>50</b> 60 70 80 90 <b>100</b> 110	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.50	[14.4]  I.145  I.152 I.165 I.177  I.188 I.199 I.210 I.220 I.230  I.240 I.250 I.259	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.9 602.2	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244 1.253	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 7.74	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219  1.229 1.238 1.248	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42	[20.3]  I.133  I.146 I.158  I.170 I.182 I.193 I.203 I.213  I.223 I.223 I.223 I.223	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3
20 30 40 <b>50</b> 60 70 80 90 <b>100</b> 110 120 130 140	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.50 8.66	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230  1.240 1.259 1.259 1.268	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.9 602.2 607.5 612.7 618.0	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244 1.253 1.262 1.271	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 7.74 7.89 8.04	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.229 1.238 1.248 1.257	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6 606.9 612.2	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56	[20.3]  1.133 1.146 1.158 1.170 1.182 1.193 1.203 1.213 1.223 1.223 1.223 1.251 1.260 1.269	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6
20 30 40 <b>50</b> 60 70 80 90 <b>100</b> 110 120 130 140	6.81 7.00 7.17 7.34 7.51 7.68 7.85 7.85 8.02 8.18 8.34 8.34 8.36 8.82 8.98 9.14	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230 1.240 1.259 1.268 1.277 1.286 1.294	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.9 602.2 607.5 612.7 618.0 623.2	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224 1.234 1.242 1.234 1.242 1.253 1.262 1.271 1.280 1.280	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 7.74 7.89 8.04 8.18 8.32	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.229 1.238 1.248 1.257 1.266  1.275 1.283	544.3 550.6 556.7 562.6 568.4 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98	[20.3]  1.133  1.146 1.158  1.170 1.182 1.193 1.203 1.213 1.223 1.223 1.223 1.225 1.260  1.269 1.278	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6 611.9
20 30 40 50 60 70 80 90 100 110 120 130 140	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.50 8.66 8.82 8.98 9.14 9.30	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230  1.240 1.250 1.259 1.268 1.277  1.286 1.294 1.303	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.2 607.5 612.7 618.0 623.2 628.4	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41 8.56 8.71 8.86	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244 1.253 1.262 1.271  1.280 1.289 1.297	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0 628.2	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 8.04 8.18 8.32 8.47	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.228 1.248 1.257 1.266 1.275 1.283 1.292	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8 628.0	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98 8.12	[20.3]  1.133  1.146 1.158  1.170 1.182 1.193 1.203 1.213  1.223 1.233 1.243 1.251 1.260  1.269 1.278 1.286	550.0 556.1 562.0 567.9 573.3 584.9 590.4 595.9 601.3 606.6 611.9 617.2 622.5 627.8
20 30 40 <b>50</b> 60 70 80 90 <b>100</b> 110 120 130 140	6.81 7.00 7.17 7.34 7.51 7.68 7.85 7.85 8.02 8.18 8.34 8.34 8.36 8.82 8.98 9.14	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230 1.240 1.259 1.268 1.277 1.286 1.294	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.9 602.2 607.5 612.7 618.0 623.2	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224 1.234 1.242 1.234 1.242 1.253 1.262 1.271 1.280 1.280	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 7.74 7.89 8.04 8.18 8.32	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.229 1.238 1.248 1.257 1.266  1.275 1.283	544.3 550.6 556.7 562.6 568.4 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98	[20.3]  1.133  1.146 1.158  1.170 1.182 1.193 1.203 1.213 1.223 1.223 1.223 1.225 1.260  1.269 1.278	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6 611.9
20 30 40 50 60 70 80 90 110 120 130 140 150 160 170 180	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.34 8.39 8.66 8.82 8.98 9.14 9.30 9.45 9.61	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230 1.240 1.259 1.268 1.277  1.286 1.294 1.303 1.311 1.319	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.9 602.2 607.5 612.7 618.0 623.2 628.4 633.7 638.9	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41 8.56 8.71 8.86 9.01	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224 1.234 1.244 1.253 1.262 1.271 1.280 1.289 1.297 1.305 1.313	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0 628.2 633.5 638.7	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 7.74 7.89 8.04 8.18 8.32 8.47 8.61 8.76	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.229 1.238 1.248 1.257 1.266  1.275 1.283 1.292 1.300 1.308	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8 628.0 633.3 638.5	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98 8.12 8.25 8.39	[20.3]  I.133  I.146 I.158  I.170 I.182 I.193 I.203 I.213 I.223 I.223 I.225 I.260  I.269 I.278 I.286 I.295 I.303	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6 611.9 617.2 622.5 627.8 633.1 638.3
20 30 40 50 60 70 80 90 100 1120 130 140 150 160 170 180 190	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.36 8.66 8.82 8.98 9.14 9.30 9.45 9.61	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230  1.240 1.259 1.268 1.277  1.286 1.294 1.303 1.311 1.319	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.2 607.5 612.7 618.0 623.2 628.4 633.7 638.9 644.1	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41 8.56 8.71 8.86 9.01 9.16	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244 1.253 1.262 1.271  1.280 1.289 1.297 1.305 1.313	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0 628.2 633.5 638.7	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 7.74 7.89 8.04 8.18 8.32 8.47 8.61 8.76	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.229 1.238 1.248 1.257 1.266  1.275 1.283 1.292 1.300 1.308 1.316	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8 628.0 633.3 638.5 643.7	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98 8.12 8.25 8.39	[20.3]  1.133  1.146 1.158  1.170 1.182 1.193 1.203 1.213  1.223 1.233 1.243 1.251 1.260  1.269 1.278 1.286 1.295 1.303 1.311	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6 611.9 617.2 622.5 627.8 633.1 638.3 643.5
20 30 40 50 60 70 80 90 100 120 130 140 150 170 180 190 200 210	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.50 8.66 8.82 9.14 9.30 9.45 9.61	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230  1.240 1.250 1.259 1.268 1.277  1.286 1.294 1.303 1.311 1.319  1.327 1.335	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.2 607.5 612.7 618.0 623.2 628.4 633.7 638.9 644.1 649.3	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41 8.56 8.71 8.86 9.01 9.16	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244 1.252 1.271 1.280 1.289 1.297 1.305 1.313 1.321 1.329	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0 628.2 633.5 638.7 643.9 649.1	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 8.04 8.18 8.32 8.47 8.61 8.76 8.90 9.04	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.228 1.248 1.245 1.275 1.283 1.292 1.300 1.308  1.316 1.324	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8 633.3 638.5 643.7 648.9	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98 8.12 8.25 8.39	[20.3]  1.133 1.146 1.158 1.170 1.182 1.193 1.203 1.213 1.223 1.233 1.242 1.251 1.260 1.269 1.278 1.286 1.295 1.303 1.311 1.319	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6 611.9 612.2 622.2 622.8 633.1 638.3 643.5 648.8
200 300 400 500 600 700 800 900 1100 1200 1300 1400 1600 1700 1800 1900 2000 2100 220	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.50 8.66 8.82 8.98 9.14 9.35 9.45 9.45 9.45 9.10	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230  1.240 1.250 1.259 1.268 1.277 1.286 1.294 1.303 1.311 1.319  1.327 1.335 1.342	545.8 551.9 563.7 563.7 563.7 580.6 586.0 591.5 596.9 602.2 607.5 612.7 618.0 623.2 628.4 633.7 638.9 644.1 649.3 654.5	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.71 8.56 8.71 8.90 9.16	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244 1.253 1.262 1.271  1.280 1.289 1.305 1.313  1.321 1.321 1.329 1.337	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0 628.2 633.5 638.7 643.9 649.1 654.3	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.89 8.04 8.32 8.47 8.61 8.76 8.90 9.04 9.18	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.228 1.248 1.257 1.266  1.275 1.283 1.292 1.300 1.308  1.316 1.324 1.331	544.3 550.6 556.7 562.6 568.4 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8 628.0 633.3 638.5 643.7 648.9 654.1	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98 8.12 8.25 8.39 8.53 8.67 8.80	[20.3]  1.133 1.146 1.158  1.170 1.182 1.193 1.203 1.213 1.223 1.233 1.242 1.251 1.260  1.269 1.279 1.286 1.295 1.303	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6 611.9 617.2 622.5 627.8 638.3 643.5 648.8 654.0
20 30 40 50 60 70 80 90 100 120 130 140 150 170 180 190 200 210	6.81 7.00 7.17 7.34 7.51 7.68 7.85 8.02 8.18 8.34 8.50 8.66 8.82 9.14 9.30 9.45 9.61	[14.4]  1.145  1.152 1.165 1.177  1.188 1.199 1.210 1.220 1.230  1.240 1.250 1.259 1.268 1.277  1.286 1.294 1.303 1.311 1.319  1.327 1.335	545.8 551.9 557.9 563.7 569.5 575.1 580.6 586.0 591.5 596.2 607.5 612.7 618.0 623.2 628.4 633.7 638.9 644.1 649.3	6.47 6.65 6.82 6.99 7.16 7.32 7.48 7.64 7.80 7.95 8.10 8.26 8.41 8.56 8.71 8.86 9.01 9.16	[16.4]  1.141  1.145 1.158 1.170  1.182 1.193 1.204 1.214 1.224  1.234 1.244 1.252 1.271 1.280 1.289 1.297 1.305 1.313 1.321 1.329	545.1 551.3 557.3 563.2 569.0 574.6 580.2 585.7 591.1 596.5 601.9 607.2 612.5 617.7 623.0 628.2 633.5 638.7 643.9 649.1	6.15 6.33 6.51 6.68 6.84 6.99 7.14 7.29 7.44 7.59 8.04 8.18 8.32 8.47 8.61 8.76 8.90 9.04	[18.4]  1.137  1.139 1.152 1.164  1.176 1.187 1.198 1.209 1.219 1.228 1.248 1.245 1.275 1.283 1.292 1.300 1.308  1.316 1.324	544.3 550.6 556.7 562.6 568.4 574.1 579.7 585.3 590.8 596.2 601.6 606.9 612.2 617.5 622.8 633.3 638.5 643.7 648.9	6.06 6.22 6.38 6.54 6.69 6.84 6.98 7.13 7.27 7.42 7.56 7.70 7.84 7.98 8.12 8.25 8.39	[20.3]  1.133 1.146 1.158 1.170 1.182 1.193 1.203 1.213 1.223 1.233 1.242 1.251 1.260 1.269 1.278 1.286 1.295 1.303 1.311 1.319	550.0 556.1 562.0 567.9 573.6 579.3 584.9 590.4 595.9 601.3 606.6 611.9 612.2 622.2 622.8 633.1 638.3 643.5 648.8

Pres-	[22.I]			55 [26.4]			<b>60</b> [30.5]			<b>65</b> [34.3]		
Temp	•	8	i	v	8	i	<b>V</b>	s	i	<b>V</b>	8	i
Sat.	5.67	1.130	544.3	5.18	1.122	545.3	4.77	1.114	546.3	4.42	1.107	547.2
30 40	5.80 5.96	1.140	549·4 555·5	5.23 5.38	1.126	547.6 554.0	4.90	1.127	552.5	4.50	1.115	551.0
<b>50</b> 60	6.11	1.165	561.5	5.52	1.151	560.1 566.1	5.03	1.139	558.8 564.9	4.62	1.128	557·4 563.6
70 80	6.41	1.187	573.2	5.80	1.174	572.0	5.29	1.162	570.9	4.86	1.151	569.7
90	6.69	1.198	578.9 584.5	5.93 6.06	1.196	577.8	5.41	1.173	576.8 582.6	4.97 5.08	1.173	575.7 581.6
100	6.83	1.218	590.0 595.5	6.19	1.206	589.1 594.7	5.65	1.194	588.2 593.8	5.19	1.184	587.3 593.0
120	7.11	1.237	601.0	6.45	1.225	600.2	5.88	1.214	599.4	5.41	1.204	598.7
130	7.24 7.38	1.246	606.4	6.69	I.234 I.244	605.6	6.00	1.223	604.9	5.52 5.63	I.213 I.222	604.2
150	7.51	1.264	617.0	6.81	1.253	616.4	6.22	1.242	615.8	5.73	1.231	615.2
160	7.65	1.273	622.3	6.94	1.261	621.7	6.34	1.250	621.1	5.84	1.240	620.6 626.0
170	7.78	1.281	627.6	7.06	1.270	627.0	6.46	1.259	626.5	5.95 6.05	1.249	631.3
190	8.04	1.298	638.1	7.30	1.286	637.6	6.68	1.275	637.1	6.15	1.265	636.6
200	8.17	1.306	643.3 648.6	7.42	1.294	642.9	6.79	1.283	642.4	6.26	1.274	641.9
210	8.30	1.314	653.9	7.54	1.302	653.5	7.01	1.291	647.7	6.36	1.282	647.3 652.6
240	8.69	1.336	664.4	7.89	1.325	664.0	7.22	1.315	663.6	6.66	1.305	663.2
260	8.95	1.351	674.8	8.13	1.340	674.4	7.44	1.329	674.1	6.86	1.320	673.7
300	9.21 9.47	1.365	685.2 695.7	8.37 8.60	1.354	684.9 695.4	7.66	1.344	684.6 695.1	7.06	1.334	684.3
												-
		70			75			80			85	
		<b>70</b> [37.9]	1		<b>75</b> [41.3]			<b>80</b> [44.5]			<b>85</b> [47.6]	
Sat.	4.12	[37.9]	548.1	3.86	1.095	548.8	3.63	1.090	549-5	3.43	[47.6]	550.2
50	4.27	[37.9]	556.0	3.96	1.095	554.7	3.69	[44.5] 1.090 1.097	553.3	3.45	[47.6] 1.085 1.088	551.9
		[37.9]			1.095			1.090			[47.6]	
50 60 70 80	4.27 4.38 4.49 4.60	[37.9] 1.101 1.117 1.129 1.141 1.152	556.0 562.4 568.6 574.7	3.96 4.07 4.18 4.28	[41.3] 1.095 1.107 1.119 1.131 1.143	554.7 561.1 567.4 573.6	3.69 3.80 3.90 4.00	[44.5] 1.090 1.097 1.110 1.122 1.134	553·3 559·9 566.3 572.6	3.45 3.55 3.65 3.74	[47.6] 1.085 1.088 1.101 1.113 1.125	551.9 558.6 565.1 571.5
<b>50</b> 60 70 80 90	4.27 4.38 4.49 4.60 4.70	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163	556.0 562.4 568.6 574.7 580.7	3.96 4.07 4.18 4.28 4.38	[41.3] 1.095 1.107 1.119 1.131 1.143 1.154	554.7 561.1 567.4 573.6 579.7	3.69 3.80 3.90 4.00 4.09	[44.5] 1.090 1.097 1.110 1.122 1.134 1.145	553·3 559·9 566.3 572.6 578·7	3.45 3.55 3.65 3.74 3.83	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137	551.9 558.6 565.1 571.5 577.7
50 60 70 80 90	4.27 4.38 4.49 4.60 4.70	[37-9]  1.101  1.117 1.129 1.141 1.152 1.163	556.0 562.4 568.6 574.7 580.7	3.96 4.07 4.18 4.28 4.38	[41.3] 1.095 1.107 1.119 1.131 1.143 1.154	554.7 561.1 567.4 573.6 579.7 585.6	3.69 3.80 3.90 4.00 4.09	[44.5] 1.090 1.097 1.110 1.122 1.134 1.145 1.156	553·3 559·9 566·3 572·6 578·7 584·7	3.45 3.55 3.65 3.74 3.83	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137 1.148	551.9 558.6 565.1 571.5 577.7
<b>50</b> 60 70 80 90	4.27 4.38 4.49 4.60 4.70	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163	556.0 562.4 568.6 574.7 580.7	3.96 4.07 4.18 4.28 4.38	[41.3] 1.095 1.107 1.119 1.131 1.143 1.154	554.7 561.1 567.4 573.6 579.7	3.69 3.80 3.90 4.00 4.09	[44.5] 1.090 1.097 1.110 1.122 1.134 1.145	553·3 559·9 566.3 572.6 578·7	3.45 3.55 3.65 3.74 3.83	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137	551.9 558.6 565.1 571.5 577.7
50 60 70 80 90 100 110 120 130	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67 4.76	[41.3] 1.095 1.107 1.119 1.131 1.143 1.154 1.165 1.175 1.185 1.195	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45	[44-5] 1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186	553·3 559·9 566.3 572·6 578·7 584·7 590·5 596.3 602.1	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17	[47.6] 1.085 1.088 1.101 1.113 1.125 1.137 1.148 1.158 1.168 1.178	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4
50 60 70 80 90 100 110	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01	[37-9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67	[41.3] 1.095 1.107 1.119 1.131 1.143 1.154 1.165 1.175 1.185	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36	[44.5] 1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176	553·3 559·9 566.3 572·6 578·7 584·7 590·5 596.3	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09	[47.6] 1.085 1.088 1.101 1.113 1.125 1.137 1.148 1.158 1.168	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6
50 60 70 80 90 100 110 120 130 140	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11 5.21	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204 1.213	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67 4.76 4.85	[41.3] 1.095 1.107 1.119 1.131 1.143 1.154 1.165 1.175 1.185 1.195 1.204	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8 608.4 614.0	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53	1.090 1.097 1.110 1.122 1.134 1.145 1.166 1.176 1.186 1.196 1.205	553·3 559·9 566.3 572·6 578·7 584·7 590·5 596.3 602·1 607.8 613·4	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1
50 60 70 80 90 100 110 120 130 140 150 160	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11 5.21 5.31 5.41	[37.9]  I.101  I.117  I.129  I.141  I.152  I.163  I.174  I.184  I.194  I.204  I.213  I.222  I.231	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67 4.76 4.85	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222	554-7 561.1 567.4 573.6 579-7 585.6 591.4 597.1 602.8 608.4 614.0 619.4	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214	553·3 559·9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3
50 60 70 80 90 100 110 120 130 140	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11 5.21 5.31 5.41 5.51	[37-9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204 1.213  1.222 1.231 1.240	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67 4.76 4.85	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222  1.231	554-7 561.1 567.4 573.6 579-7 585.6 591.4 597.1 602.8 608.4 614.0 619.4 624.8	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79	1.090 1.097 1.110 1.122 1.134 1.145 1.166 1.176 1.186 1.196	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9 624.3	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8
50 60 70 80 90 100 110 120 130 140 150 160 170	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11 5.21 5.31 5.41	[37.9]  I.101  I.117  I.129  I.141  I.152  I.163  I.174  I.184  I.194  I.204  I.213  I.222  I.231	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67 4.76 4.85	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222	554-7 561.1 567.4 573.6 579-7 585.6 591.4 597.1 602.8 608.4 614.0 619.4	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214	553·3 559·9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3
50 60 70 80 90 100 110 120 130 140 150 160 170 180 190	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11 5.21 5.31 5.41 5.51 5.60 5.70	[37.9]  I.101  I.117 I.129 I.141 I.152 I.163  I.174 I.184 I.194 I.204 I.213  I.222 I.231 I.240 I.248 I.256	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4 630.8 636.2	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67 4.76 4.85 4.94 5.04 5.13 5.22 5.31	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222  1.231  1.240  1.248  1.256	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8 608.4 614.0 619.4 624.8 630.3 635.7	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214 1.223 1.231 1.240 1.248	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9 624.3 629.8 635.3	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188  1.197 1.206 1.215 1.224 1.232	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8 629.3 634.8
50 60 70 80 90 110 120 130 140 150 160 170 180 190 200 210	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11 5.21 5.31 5.41 5.50 5.70 5.80 5.89	[37-9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.221 1.231 1.222 1.231 1.240 1.248 1.256  1.265 1.273	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4 630.8 636.2 641.5 646.9	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.76 4.85 4.94 5.04 5.13 5.22 5.31 5.40 5.49	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.1904  1.213  1.224  1.231  1.240  1.248  1.256  1.264	554-7 561.1 567.4 573-6 579-7 585.6 591-4 597-1 602.8 608.4 614.0 619.4 624.8 630.3 635.7 641.0 646.4	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96 5.04 5.13	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214 1.223 1.231 1.240 1.248 1.256	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.4 618.4 618.4 618.4 618.4 618.4 618.4 618.4 618.5 629.8 635.3	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188  1.197 1.206 1.215 1.224 1.232	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8 629.3 634.8 640.2 645.6
50 60 70 80 90 1100 1120 130 140 150 160 170 180 190 200 2210 220	4.27 4.38 4.49 4.60 4.70 4.81 5.01 5.11 5.21 5.31 5.41 5.560 5.70 5.80 5.89 5.98	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204 1.213  1.222 1.231 1.240 1.240 1.248 1.256	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.0 630.8 636.2	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.67 4.76 4.85 4.94 5.04 5.13 5.22 5.31 5.40 5.49 5.58	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222  1.231  1.240  1.248  1.256  1.264  1.272	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8 608.4 614.0 619.4 624.8 630.3 635.7	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96 5.04 5.13 5.22	1.090 1.097 1.110 1.122 1.134 1.145 1.166 1.176 1.196 1.205 1.214 1.223 1.231 1.240 1.248 1.256 1.264	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9 624.3 629.8 635.3	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66	[47.6]  1.085 1.088 1.101 1.113 1.125 1.137 1.148 1.158 1.168 1.178 1.188 1.197 1.206 1.215 1.224 1.232 1.240 1.248 1.256	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8 629.3 634.8 640.2 645.6 650.9
50 60 70 80 90 110 120 130 140 150 160 170 180 190 200 210	4.27 4.38 4.49 4.60 4.70 4.81 4.91 5.01 5.11 5.21 5.31 5.41 5.50 5.70 5.80 5.89	[37-9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.221 1.231 1.222 1.231 1.240 1.248 1.256  1.265 1.273	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4 630.8 636.2 641.5 646.9	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.76 4.85 4.94 5.04 5.13 5.22 5.31 5.40 5.49	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.1904  1.213  1.224  1.231  1.240  1.248  1.256  1.264	554-7 561.1 567.4 573-6 579-7 585.6 591-4 597-1 602.8 608.4 614.0 619.4 624.8 630.3 635.7 641.0 646.4	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96 5.04 5.13	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214 1.223 1.231 1.240 1.248 1.256	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.4 618.4 618.4 618.4 618.4 618.4 618.4 618.4 618.5 629.8 635.3	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188  1.197 1.206 1.215 1.224 1.232	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8 629.3 634.8 640.2 645.6
50 60 70 80 90 110 110 120 130 140 150 160 190 220 220 220 220 240	4.27 4.38 4.49 4.60 4.70 4.81 5.01 5.11 5.21 5.31 5.41 5.50 5.70 5.80 5.98 6.08	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204 1.213  1.222 1.231 1.240 1.248 1.256 1.273 1.280 1.288	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4 630.8 636.2 641.5 646.9 657.5	3.96 4.07 4.18 4.28 4.38 4.467 4.67 4.76 4.85 4.94 5.04 5.12 5.31 5.40 5.49 5.58 5.66	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222  1.231  1.248  1.256  1.264  1.272  1.280	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8 608.4 614.0 619.4 624.8 630.3 635.7 641.0 646.4 651.7 657.1	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96 5.04 5.13 5.22 5.30	1.090 1.097 1.110 1.122 1.134 1.145 1.166 1.176 1.186 1.196 1.205 1.214 1.223 1.231 1.240 1.248 1.256 1.264	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9 624.3 629.8 635.3 640.6 646.0 651.3 656.7	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66 4.74 4.82 4.90 4.98	[47.6]  1.085 1.088 1.101 1.113 1.125 1.137 1.148 1.158 1.168 1.179 1.206 1.215 1.224 1.232 1.240 1.248 1.256 1.264 1.272 1.287	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8 629.3 634.8 640.2 645.6 650.9 656.3 661.6
50 60 70 80 90 1100 1100 1200 140 150 160 170 1200 2210 2220 2230 2240 280	4.27 4.38 4.49 4.60 4.70 4.81 5.01 5.11 5.21 5.31 5.41 5.560 5.70 5.80 6.86 6.17 6.36 6.55	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204 1.213  1.222 1.231 1.240 1.248 1.256  1.265 1.273 1.280 1.288 1.296  1.311 1.325	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4 630.8 630.2 641.5 646.9 657.5 662.8 673.4 684.0	3.96 4.07 4.18 4.28 4.38 4.467 4.67 4.76 4.85 4.94 5.04 5.04 5.13 5.22 5.31 5.40 5.49 5.58 5.66 5.75	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222  1.231  1.240  1.248  1.256  1.264  1.272  1.280  1.288  1.303  1.317	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8 608.4 614.0 619.4 624.8 630.3 635.7 641.0 646.4 657.1 667.1 662.4	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96 5.04 5.13 5.22 5.30 5.38	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214 1.223 1.231 1.240 1.248 1.256 1.264 1.272 1.280 1.295 1.309	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9 624.3 629.8 635.3 640.6 646.0 651.3 656.7 662.0 672.7 683.4	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66 4.74 4.82 4.90 4.98 5.06 5.22 5.37	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.1205 1.204 1.215 1.224 1.232 1.240 1.240 1.256 1.264 1.272 1.287 1.302	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8 629.3 634.8 640.2 645.6 650.9 656.3 661.6 672.4 683.1
50 60 70 80 90 110 120 130 140 150 160 170 180 190 200 220 220 220 220 220 220 220 228 300	4.27 4.38 4.49 4.60 4.70 4.81 5.01 5.11 5.21 5.31 5.51 5.50 5.70 5.80 5.80 6.86 6.17 6.36 6.55 6.73	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204 1.213  1.222 1.231 1.240 1.248 1.256 1.273 1.280 1.288 1.296  1.311 1.325 1.339	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4 630.8 636.2 641.5 646.9 657.5 662.8 673.4 684.0 694.6	3.96 4.07 4.18 4.28 4.38 4.48 4.57 4.76 4.85 4.94 5.04 5.13 5.22 5.31 5.40 5.49 5.58 5.66 5.75	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222  1.231  1.248  1.256  1.264  1.272  1.280  1.288  1.303  1.317  1.331	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8 608.4 614.0 619.4 624.8 630.3 635.7 641.0 646.4 651.7 657.1 662.4	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96 5.04 5.13 5.22 5.30 5.38 5.55 5.71 5.87	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214 1.223 1.231 1.240 1.248 1.256 1.264 1.272 1.280 1.295 1.309 1.323	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9 624.3 629.3 640.6 646.6 651.3 656.7 662.0	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66 4.74 4.82 4.90 4.98 5.06	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.188  1.197 1.206 1.215 1.224 1.223 1.240 1.240 1.248 1.256 1.272 1.240 1.248 1.272	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 629.3 634.8 640.2 645.9 656.3 661.6 672.4 683.1 693.8
50 60 70 80 90 1100 1100 1200 140 150 160 170 1200 2210 2220 2230 2240 280	4.27 4.38 4.49 4.60 4.70 4.81 5.01 5.11 5.21 5.31 5.41 5.560 5.70 5.80 6.86 6.17 6.36 6.55	[37.9]  1.101  1.117 1.129 1.141 1.152 1.163  1.174 1.184 1.194 1.204 1.213  1.222 1.231 1.240 1.248 1.256  1.265 1.273 1.280 1.288 1.296  1.311 1.325	556.0 562.4 568.6 574.7 580.7 586.5 592.2 597.9 603.5 609.1 614.6 620.0 625.4 630.8 630.2 641.5 646.9 657.5 662.8 673.4 684.0	3.96 4.07 4.18 4.28 4.38 4.467 4.67 4.76 4.85 4.94 5.04 5.04 5.13 5.22 5.31 5.40 5.49 5.58 5.66 5.75	[41.3]  1.095  1.107  1.119  1.131  1.143  1.154  1.165  1.175  1.185  1.204  1.213  1.222  1.231  1.240  1.248  1.256  1.264  1.272  1.280  1.288  1.303  1.317	554.7 561.1 567.4 573.6 579.7 585.6 591.4 597.1 602.8 608.4 614.0 619.4 624.8 630.3 635.7 641.0 646.4 657.1 667.1 662.4	3.69 3.80 3.90 4.00 4.09 4.18 4.27 4.36 4.45 4.53 4.62 4.71 4.79 4.88 4.96 5.04 5.13 5.22 5.30 5.38	1.090 1.097 1.110 1.122 1.134 1.145 1.156 1.166 1.176 1.186 1.196 1.205 1.214 1.223 1.231 1.240 1.248 1.256 1.264 1.272 1.280 1.295 1.309	553.3 559.9 566.3 572.6 578.7 584.7 590.5 596.3 602.1 607.8 613.4 618.9 624.3 629.8 635.3 640.6 646.0 651.3 656.7 662.0 672.7 683.4	3.45 3.55 3.65 3.74 3.83 3.92 4.00 4.09 4.17 4.25 4.34 4.42 4.50 4.58 4.66 4.74 4.82 4.90 4.98 5.06 5.22 5.37	[47.6]  1.085  1.088 1.101 1.113 1.125 1.137  1.148 1.158 1.168 1.178 1.1205 1.204 1.215 1.224 1.232 1.240 1.240 1.256 1.264 1.272 1.287 1.302	551.9 558.6 565.1 571.5 577.7 583.8 589.7 595.6 601.4 607.1 612.7 618.3 623.8 629.3 634.8 640.2 645.6 650.9 656.3 661.6 672.4 683.1

100	1			95		1			1			
Pres- sure		90 [50.5]			95 [53.3]			100 [56.0]			105 [58.6]	
Temp	•	s	i	•	s	i	v	s	i	V	S	i
Sat.	3-25	1.080	550.9	3.08	1.075	551.5	2.94	1.071	552.1	2.80	1.067	552.6
60 70	3·33 3·42	1.092	557·4 564.0	3.14	1.084	556.1 562.8	2.97 3.05	1.076	554·9 561.7	2.81	1.069	553.6 560.6
80 90	3.51 3.60	1.117	570.5 576.8	3.31	1.109	569.4 575.8	3.13	1.102	568.4	2.97	1.095	567-3 573.8
100	3.69	1.140	582.9	3.48	1.132	582.0	3.29	1.125	581.1	3.13	1.118	580.2
IIO	3.77	1.150	588.9	3.56	1.143	588.1	3.37	1.136	587.2	3.20	1.129	586.4
120	3.85	1.161	594·9 600.7	3.63	1.153	594.1 600.0	3.44	1.146	593·3 599·3	3.27	1.140	592.5 598.5
140	4.01	1.180	606.4	3.79	1.173	605.8	3.59	1.166	605.1	3.41	1.160	604.4
150 160	4.09	1.190	612.1 617.7	3.86 3.94	1.183	611.5 617.1	3.66	1.176	610.8 616.5	3.48 3.54	1.170	610.2
170	4.24	1.208	623.3	4.01	1.192	622.7	3.73 3.80	1.194	622.2	3.61	1.188	621.7
180	4.32	1.217	628.8	4.08	1.210	628.3 633.8	3.87	1.203	627.8	3.68	1.197	627.3
190	4.40	1.225	634.3				3.94		633.4	3.74	133	632.9
200	4·47 4·55	1.233	639.8 645.2	4.23	1.226	639.3 644.8	4.01	1.220	638.9 644.4	3.81	I.214 I.222	638.5
220	4.62	1.249	650.6	4.37	1.243	650.2	4.15	1.236	649.8	3.94	1.230	649.4
230 240	4.70	1.257	656.0 661.3	4.44 4.51	1.251	655.6 661.0	4.21	1.244	655.3 660.7	4.00	1.238	654.9
260	4.92	1.280	672.1	4.65	1.274	671.8	4.41	1.268	671.5	4.19	1.261	671.2
280	5.06	1.295	682.8	4.79	1.288	682.5	4.54	1.282	682.2	4.31	1.276	682.0
300 320	5.21	1.309	693.5 704.2	4·93 5.07	1.303	693.2 704.0	4.67	1.297	693.0 703.8	4.44	1.291	692.8
340	5.50	1.337	714.9	5.20	1.330	714.8	4.93	1.324	714.6	4.68	1.318	714.5
-		110			115	1		120			125	
		[61.1]			[63.6]			[65.8]			[68.1]	
Sat.	2.68	1.063	553.1	2.57	1.059	553.6	2.47	1.056	554.1	2.37	1.052	554.6
70	2.75	1.075	559.4	2.63	1.068	558.3	2.50	1.061	557.1	2.38	1.055	555.9
80 90	2.83	1.088	566.2 572.9	2.70	1.093	565.2 571.9	2.57	1.074	564.1 570.9	2.45	1.068	563.0 569.9
100	2.97	1.111	579-3	2.84	1.105	578.4	2.71	1.099	577.5	2.59	1.093	576.6
110 120	3.04	1.122	585.5	2.90	1.116	584.7 590.9	2.77	1.110	583.9 590.2	2.65	1.104	583.1
130	3.11	1.133	591.7 597.8	3.03	1.138	597.0	2.90	1.132	596.3	2.77	1.115	589.4 595.6
140	3.24	1.154	603.7	3.10	1.148	603.0	2.96	1.142	602.4	2.83	1.136	601.7
150	3.31	1.164	609.6	3.16	1.158	609.0	3.02	1.152	608.4	2.89	1.146	607.8
160 170	3·37 3·43	1.173	615.4	3.22	1.167 1.176	614.8 620.6	3.08 3.14	1.161	614.3	2.95 3.01	1.156	613.7
180	3.50	1.191	626.8	3.34	1.185	626.3	3.19	1.180	625.8	3.06	1.174	625.4
190	3.56	1.200	632.4	3.40	1.194	632.0	3.25	1.188	631.5	3.11	1.183	631.1
200	3.62	1.208	638.0	3.46	1.203	637.6	3.31	1.197	637.I 642.7	3.17	1.192	636.7
210 220	3.69 3.75	1.225	643.5 649.0	3.5 <sup>2</sup> 3.5 <sup>8</sup>	1.211	643.1 648.6	3.36 3.42	1.205	648.2	3.22	1.200	642.3
230 240	3.81	1.233	654.5 660.0	3.64	1.227	654.2 659.7	3.48 3.54	1.222	653.8 659.4	3·34 3·39	1.217	653.6 659.1
260	3.99	1.256	671.0	3.82	1.250	670.7	3.65	1.245	670.4	3.50	1.240	670.2
280	4.11	1.271	681.8	3.93	1.265	681.5	3.76	1.260	681.3	3.60	1.255	681.1
300	4.23 4.35	1.285	692.6 703.4	4.04	1.280	692.3 703.2	3.87 3.98	1.275	692.1 703.0	3.7I 3.82	1.270	691.9
340	4.47	1.313	714.3	4.27	1.307	714.1	4.09	1.302	713.9	3.92	1.297	713.7
360	4.59	1.326	725.1	4.38	1.321	724.9	4.20	1.316	724.7	4.03	1.311	724.5

Pres- sure	[70.4]		135			140 [74·5]	2,3,7	,,,,,	145 [76.5]	2 0 0 7 3		
Temp	v	s	i	v	s	i	v	s	i	v	S	i
Sat.	2.28	1.049	555.0	2.20	1.046	555-5	2.12	1.043	555.9	2.06	1.040	556.3
80	2.35	1.062	562.0	2.25	1.056	560.9	2.16	1.050	559.9	2.08	1.045	558.9
90	2.42	1.075	568.9	2.32	1.069	567.9	,2.23	1.064	566.9	2.14	1.058	566.0
100	2.48	1.087	575.7	2.38	1.081	574.8	2.29	1.076	573.9	2.20	1.071	573.0
IIO	2.54	1.099	582.3	2.44	1.093	581.5	2.35	1.088	580.7	2.25	1.083	579.9
I 20	2.60	1.110	588.7	2.50	1.105	587.9	2.40	1.099	587.2	2.30	1.094	586.5
130	2.66	1.121	594.9	2.55	1.115	594.2	2.46	1.110	593.5	2.36	1.105	592.9
140	2.72	1.131	601.1	2.61	1.126	600.4	2.51	1.121	599.8	2.41	1.116	599.2
150	2.77	1.141	607.2	2.66	1.136	606.5	2.56	1.131	605.9	2.46	1.126	605.3
160	2.83	1.151	613.1	2.72	1.146	612.5	2.61	1.141	611.9	2.51	1.136	611.4
170	2.89	1.160	619.0	2.78	1.155	618.4	2.67	1.150	617.9	2.57	1.146	617.4
180	2.94	1.169	624.8	2.83	1.164	624.3	2.72	1.159	623.8	2.62	1.155	623.3
190	2.99	1.178	630.6	2.88	1.173	630.1	2.77	1.168	629.6	2.67	1.164	629.2
200	3.05	1.187	636.2	2.93	1.182	635.8	2.82	1.177	635.3	2.72	1.173	634.9
210	3.10	1.195	641.9	2.98	1.190	641.5	2.87	1.186	641.0	2.76	1.181	640.6
220	3.15	1.204	647.5	3.03	1.199	647.1	2.92	1.194	646.7	2.81	1.190	646.3
230	3.21	1.212	653.2	3.08	1.207	652.8	2.97	1.202	652.4	2.86	1.198	652.0
240	3.26	1.220	658.8	3.13	1.215	658.4	3.01	1.210	658.1	2.90	1.206	657.7
250	3.31	1.227	664.4	3.18	1.223	664.0	3.06	1.218	663.7	2.94	1.214	663.3
260	3.36	1.235	669.9	3.23	1.231	669.6	3.11	1.226	669.2	2.99	1.222	668.9
280	3.47	1.250	680.8	3.33	1.246	680.5	3.20	1.241	680.2	3.08	1.237	679.9
300	3.57	1.265	691.7	3.43	1.260	691.4	3.30	1.256	691.1	3.18	1.251	690.8
320	3.67	1.279	702.6	3.53	1.274	702.3	3.39	1.270	702.0	3.27	1.266	701.7
<b>340</b> 360	3.77 3.87	1.293	713.5 724.3	3.62 3.72	1.288	713.2 724.1	3.48 3.58	1.284	713.0 723.9	3.36 3.45	1.279	712.7 723.6
		150			155		1	100			105	
10		150 [78.5]			155 [80.4]			160 [82.3]			165 [84.1]	
Sat.						1	0.		1			557.7
-	1.99	1.038	556.7	1.93	1.035	557.0	1.87	1.032	557-4	1.81	1.030	331.1
90	2.06	1.038	556.7 565.0	1.93	1.035	557.0	1.87	1.032	563.1	1.81	1.030	562.1
	2.06	1.053	565.0	1.99	1.048	564.0	1.92	1.043	563.1	1.85	1.038	562.1
90			565.0 572.1	1.99	1.048	564.0		74	563.1 570.3	1.85	1.038	562.1 569.4
90 <b>100</b>	2.06	1.053	565.0 572.1 579.0	1.99	1.048 1.061 1.073	564.0 571.2 578.2	I.92 I.97 2.02	1.043	563.1 570.3 577.4	1.85	1.038	562.1 569.4 576.6
90 100	2.06 2.12 2.17	1.053 1.066 1.078	565.0 572.1	1.99 2.04 2.09	1.048	564.0 571.2 578.2 585.0	1.92	1.043 1.056 1.068	563.1 570.3	1.85 1.90 1.95	1.038 1.051 1.063	562.1 569.4
90 100 110 120	2.06 2.12 2.17 2.22	1.053 1.066 1.078 1.089	565.0 572.1 579.0 585.7	1.99 2.04 2.09 2.14	1.048 1.061 1.073 1.085	564.0 571.2 578.2	1.92 1.97 2.02 2.07	1.043 1.056 1.068 1.080	563.1 570.3 577.4 584.2	1.85 1.90 1.95 2.00	1.038 1.051 1.063 1.075	562.1 569.4 576.6 583.4
90 100 110 120 130	2.06 2.12 2.17 2.22 2.27	1.053 1.066 1.078 1.089 1.100	565.0 572.1 579.0 585.7 592.1	1.99 2.04 2.09 2.14 2.19	1.048 1.061 1.073 1.085 1.096	564.0 571.2 578.2 585.0 591.4	1.92 1.97 2.02 2.07 2.12	1.043 1.056 1.068 1.080 1.091	563.1 570.3 577.4 584.2 590.7	1.85 1.90 1.95 2.00 2.05	1.038 1.051 1.063 1.075 1.086	562.1 569.4 576.6 583.4 590.0
90 100 110 120 130 140	2.06 2.12 2.17 2.22 2.27 2.33	1.053 1.066 1.078 1.089 1.100	565.0 572.1 579.0 585.7 592.1 598.5	1.99 2.04 2.09 2.14 2.19 2.25	1.048 1.061 1.073 1.085 1.096 1.107	564.0 571.2 578.2 585.0 591.4 597.8 604.1	1.92 1.97 2.02 2.07 2.12 2.17	1.043 1.056 1.068 1.080 1.091 1.102	563.1 570.3 577.4 584.2 590.7 597.2	1.85 1.90 1.95 2.00 2.05 2.10	1.038 1.051 1.063 1.075 1.086 1.097	562.1 569.4 576.6 583.4 590.0 596.5
90 100 110 120 130 140	2.06 2.12 2.17 2.22 2.27 2.33 2.38	1.053 1.066 1.078 1.089 1.100 1.111	565.0 572.1 579.0 585.7 592.1 598.5 604.7	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35	1.048 1.061 1.073 1.085 1.096 1.107	564.0 571.2 578.2 585.0 591.4 597.8	1.92 1.97 2.02 2.07 2.12 2.17	1.043 1.056 1.068 1.080 1.091 1.102	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7	1.85 1.90 1.95 2.00 2.05 2.10	1.038 1.051 1.063 1.075 1.086 1.097	562.1 569.4 576.6 583.4 590.0 596.5
90 100 110 120 130 140 150 160	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8	1.99 2.04 2.09 2.14 2.19 2.25	1.048 1.061 1.073 1.085 1.096 1.107	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2	1.92 1.97 2.02 2.07 2.12 2.17	1.043 1.056 1.068 1.080 1.091 1.102	563.1 570.3 577.4 584.2 590.7 597.2 603.5	1.85 1.90 1.95 2.00 2.05 2.10	1.038 1.051 1.063 1.075 1.086 1.097 1.108	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1
90 100 110 120 130 140 150 160 170	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8 616.8	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118	562.1 569.4 576.6 583.4 596.5 602.9 609.1 615.3
90 100 110 120 130 140 150 160 170 180	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8 616.8 622.8 628.7	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.117 1.1137 1.146 1.155	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.112 1.132 1.142 1.151	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24 2.28 2.32	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 627.3
90 100 110 120 130 140 150 160 170 180 190	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8 616.8 622.8 622.8 634.5	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24 2.28 2.32	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138 1.147	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 627.3
90 100 110 120 130 140 150 160 170 180 190	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159	565.0 572.1 579.0 585.7 592.1 598.5 604.7 616.8 622.8 628.7 634.5 640.2	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155	564.0 571.2 578.2 585.0 591.4 597.4 604.1 610.2 616.3 622.3 628.2 634.0 639.8	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.160	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 621.8 633.6 639.4	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24 2.28 2.32 2.36 2.41	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138 1.147 1.156 1.165	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 627.3 633.2 633.2
90  100  110  120  130  140  150  160  170  180  190  200  210  220	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57 2.62 2.67	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8 616.8 622.8 628.7 634.5 640.2 645.9	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.62	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2 634.0 639.8 645.5	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49 2.53	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8 633.6 639.4 645.1	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24 2.28 2.32 2.36 2.41 2.45	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138 1.147 1.156 1.165 1.173	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 627.3 633.2 639.0 644.7
90 100 110 120 130 140 150 160 170 180 190	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.48 2.53 2.57  2.62 2.67 2.71	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159	565.0 572.1 579.0 585.7 592.1 598.5 604.7 616.8 622.8 628.7 634.5 640.2	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155	564.0 571.2 578.2 585.0 591.4 597.4 604.1 610.2 616.3 622.3 628.2 634.0 639.8	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.160	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 621.8 633.6 639.4	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24 2.28 2.32 2.36 2.41	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138 1.147 1.156 1.165	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 627.3 633.2 633.2
90  100  110  120  130  140  150  160  170  180  190  200  210  220  230	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57 2.62 2.67 2.71 2.76	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8 616.8 622.8 622.8 628.7 634.5 640.2 645.9 651.6	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.66 2.71	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.146 1.155 1.164 1.173 1.181 1.189	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2 634.0 639.8 645.5 651.2 656.9	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.36 2.40 2.44 2.49 2.53 2.57	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177 1.185	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8 633.6 639.4 645.1 650.8	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24 2.28 2.32 2.36 2.41 2.45 2.49	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.147 1.156 1.173 1.181 1.190	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 627.3 633.2 639.0 644.7 650.4 656.1
90 100 110 120 130 140 150 170 180 190 200 220 230 240	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.48 2.53 2.57  2.62 2.67 2.71 2.76 2.81	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159 1.168 1.177 1.185 1.194 1.202	565.0 572.1 579.0 585.7 598.5 604.7 616.8 622.8 628.7 634.5 640.2 645.9 657.3	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.35 2.44 2.48 2.53 2.58 2.62 2.66	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155 1.164 1.173 1.181 1.189 1.198	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2 634.0 639.8 645.5 651.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.53 2.57 2.62 2.66	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177 1.185 1.194	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 621.8 633.6 639.4 645.1 650.8 656.5	1.85 1.90 1.95 2.00 2.05 2.10 2.15 2.20 2.24 2.28 2.32 2.36 2.41 2.45 2.49 2.53	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138 1.147 1.156 1.165 1.173 1.181	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 621.3 627.3 633.2 639.0 644.7 650.4 656.1
90 100 110 120 130 140 150 170 180 190 200 220 230 240	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.48 2.43 2.53 2.57  2.62 2.67 2.71 2.76 2.81 2.85	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159 1.168 1.177 1.185 1.194 1.202	565.0 572.1 579.0 585.7 598.5 604.7 610.8 622.8 628.7 634.5 640.2 645.9 657.3 662.9	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.62 2.66 2.71 2.75	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155 1.164 1.173 1.181 1.189 1.198	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2 634.0 639.8 645.5 651.2 656.9	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49 2.53 2.57 2.62	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177 1.185 1.194	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8 633.6 639.4 645.1 650.8 656.5	1.85  1.90 1.95 2.00 2.05 2.10  2.15 2.20 2.24 2.28 2.32  2.36 2.41 2.45 2.49 2.53 2.58	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.1128 1.128 1.147 1.156 1.173 1.181 1.190	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 627.3 633.2 639.0 644.7 650.4 656.1
90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57 2.62 2.67 2.71 2.76 2.81  2.85 2.90	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.168 1.177 1.185 1.194 1.202 1.210 1.217	565.0 572.1 579.0 585.7 598.5 604.7 610.8 610.8 622.8 628.7 634.5 640.2 645.9 657.3 662.9 668.5	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.62 2.66 2.71 2.75 2.80	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155 1.164 1.173 1.181 1.189 1.198 1.206 1.213	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2 634.0 639.8 645.5 651.2 656.9 662.5 668.1	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49 2.53 2.57 2.62 2.66 2.71	I.043 I.056 I.068 I.080 I.091 I.102 I.112 I.122 I.132 I.142 I.151 I.160 I.169 I.177 I.185 I.194 I.202 I.209	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8 633.6 639.4 645.1 650.8 656.5 662.1	1.85  1.90 1.95 2.00 2.05 2.10  2.15 2.20 2.24 2.28 2.32 2.36 2.41 2.45 2.49 2.53	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138 1.147 1.156 1.165 1.173 1.181 1.190	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 621.3 627.3 633.2 639.0 644.7 650.4 656.1
90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 280	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57 2.62 2.67 2.71 2.76 2.81  2.85 2.90 2.98	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.159 1.168 1.175 1.185 1.194 1.202	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8 616.8 622.8 622.8 628.7 634.5 640.2 645.9 657.3 662.9 668.5 679.6	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.66 2.71 2.75 2.80 2.88	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.146 1.155 1.164 1.173 1.181 1.189 1.198 1.206 1.213 1.229	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 622.3 622.3 634.0 639.8 645.5 651.2 656.9 662.5 668.1 679.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49 2.53 2.57 2.62 2.66 2.71 2.79	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177 1.185 1.194	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 621.8 633.6 645.1 645.1 650.8 650.5	1.85  1.90 1.95 2.00 2.05 2.10  2.15 2.20 2.24 2.28 2.32  2.36 2.41 2.45 2.49 2.53	1.038  1.051 1.063 1.075 1.086 1.097  1.108 1.118 1.128 1.128 1.147  1.156 1.165 1.173 1.181 1.190  1.198 1.205 1.221	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 621.3 627.3 633.2 639.0 644.7 650.4 656.1
90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 280 300 320	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57  2.62 2.71 2.76 2.81  2.85 2.90 2.98 3.07 3.16	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159 1.168 1.177 1.185 1.194 1.202 1.210 1.217 1.233 1.247 1.261	565.0 572.1 579.0 585.7 598.5 604.7 610.8 622.8 628.7 634.5 640.2 645.9 657.3 662.9 668.5 679.6 690.5 701.4	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.62 2.66 2.71 2.75 2.80 2.88 2.97 3.06	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155 1.164 1.173 1.181 1.189 1.198 1.206 1.213 1.229 1.243 1.257	564.0 571.2 578.2 585.0 591.4 597.8 604.1 610.2 616.3 622.3 628.2 634.0 639.8 645.5 651.2 656.9 662.5 668.1 679.2 690.2 701.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.53 2.57 2.62 2.66 2.71 2.79 2.87 2.96	I.043 I.056 I.068 I.080 I.091 I.102 I.112 I.122 I.132 I.142 I.151 I.160 I.169 I.177 I.185 I.194 I.202 I.225 I.239 I.225	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8 633.6 639.4 645.1 650.8 656.5 662.1 667.7 678.9 689.9 700.9	1.85  1.90 1.95 2.00 2.05 2.10  2.15 2.20 2.24 2.28 2.32  2.36 2.41 2.45 2.49 2.53  2.58 2.62 2.70 2.78 2.86	1.038 1.051 1.063 1.075 1.086 1.097 1.108 1.118 1.128 1.138 1.147 1.156 1.173 1.181 1.190 1.198 1.205 1.221 1.235 1.250	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 627.3 633.2 639.0 644.7 650.4 656.1 661.7 667.3 678.5 689.6 700.6
90 100 110 120 130 140 150 160 170 180 190 200 210 230 240 250 280 300 320 340	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57 2.62 2.67 2.71 2.76 2.81  2.85 2.90 2.98 3.07 3.16	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159 1.168 1.177 1.185 1.194 1.202 1.210 1.217 1.233 1.247 1.261	565.0 572.1 579.0 585.7 598.5 604.7 610.8 610.8 622.8 622.8 628.7 634.5 640.2 645.9 651.6 657.3 662.9 668.5 679.6 690.5 701.4	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.62 2.66 2.71 2.75 2.80 2.88 2.97 3.06 3.14	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.146 1.155 1.164 1.173 1.181 1.189 1.198 1.206 1.213 1.229 1.243 1.257	564.0  571.2 578.2 578.2 585.0 591.4 597.8  604.1 610.2 616.3 622.3 622.3 628.2  634.0 639.8 645.5 651.2 656.9  662.5 668.1 679.2 690.2 701.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49 2.53 2.57 2.62 2.66 2.71 2.79 2.87 2.96 3.04	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177 1.185 1.194 1.202 1.209 1.225 1.239 1.254 1.268	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8 633.6 639.4 645.1 650.8 656.5 662.1 667.7 678.9 689.9 700.9 711.9	1.85  1.90 1.95 2.00 2.05 2.10  2.15 2.20 2.24 2.28 2.32 2.36 2.41 2.45 2.49 2.53  2.58 2.62 2.70 2.78 2.86 2.94	1.038  1.051 1.063 1.075 1.086 1.097  1.108 1.118 1.128 1.138 1.147  1.156 1.165 1.173 1.181 1.190  1.198 1.205 1.221 1.235 1.250	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 627.3 633.2 639.0 644.7 650.4 656.1 661.7 667.3 678.5 689.6 700.6
90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 280 300 320 340 360	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57 2.62 2.67 2.71 2.76 2.81  2.85 2.90 2.98 3.07 3.16  3.24 3.33	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159 1.168 1.177 1.185 1.194 1.202 1.210 1.217 1.233 1.247 1.261 1.275 1.289	565.0 572.1 579.0 585.7 592.1 598.5 604.7 610.8 616.8 622.8 622.8 628.7 634.5 640.2 645.9 657.3 662.9 668.5 679.6 690.5 701.4 712.4 723.4	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.66 2.71 2.75 2.80 2.88 2.97 3.06 3.14 3.22	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.137 1.146 1.155 1.164 1.173 1.181 1.189 1.198 1.206 1.213 1.229 1.243 1.257 1.271 1.285	564.0  571.2 578.2 578.2 585.0 591.4 597.8  604.1 610.2 616.3 622.3 622.3 622.3 628.2 634.0 639.8 645.5 651.2 656.9  662.5 668.1 679.2 690.2 701.2 712.2 723.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49 2.53 2.57 2.62 2.66 2.71 2.79 2.87 2.96 3.04 3.12	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177 1.185 1.194 1.202 1.225 1.239 1.254 1.268 1.281	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 621.8 627.8 633.6 645.1 650.8 656.5 662.1 667.7 678.9 689.9 700.9 711.9 722.9	1.85  1.90 1.95 2.00 2.05 2.10  2.15 2.20 2.24 2.28 2.32  2.36 2.41 2.45 2.49 2.53  2.58 2.62 2.70 2.78 2.86  2.94 3.02	1.038  1.051 1.063 1.075 1.086 1.097  1.108 1.118 1.128 1.138 1.147  1.156 1.165 1.173 1.181 1.190  1.198 1.205 1.221 1.235 1.250 1.264 1.277	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 621.3 621.3 627.3 633.2 639.0 644.7 650.4 656.1 661.7 667.3 678.5 689.6 700.6 711.7 722.7
90 100 110 120 130 140 150 160 170 180 190 200 210 230 240 250 280 300 320 340	2.06  2.12 2.17 2.22 2.27 2.33  2.38 2.43 2.48 2.53 2.57 2.62 2.67 2.71 2.76 2.81  2.85 2.90 2.98 3.07 3.16	1.053 1.066 1.078 1.089 1.100 1.111 1.121 1.131 1.141 1.150 1.159 1.168 1.177 1.185 1.194 1.202 1.210 1.217 1.233 1.247 1.261	565.0 572.1 579.0 585.7 598.5 604.7 610.8 610.8 622.8 622.8 628.7 634.5 640.2 645.9 651.6 657.3 662.9 668.5 679.6 690.5 701.4	1.99 2.04 2.09 2.14 2.19 2.25 2.30 2.35 2.39 2.44 2.48 2.53 2.58 2.62 2.66 2.71 2.75 2.80 2.88 2.97 3.06 3.14	1.048 1.061 1.073 1.085 1.096 1.107 1.117 1.127 1.146 1.155 1.164 1.173 1.181 1.189 1.198 1.206 1.213 1.229 1.243 1.257	564.0  571.2 578.2 578.2 585.0 591.4 597.8  604.1 610.2 616.3 622.3 622.3 628.2  634.0 639.8 645.5 651.2 656.9  662.5 668.1 679.2 690.2 701.2	1.92 1.97 2.02 2.07 2.12 2.17 2.22 2.27 2.31 2.36 2.40 2.44 2.49 2.53 2.57 2.62 2.66 2.71 2.79 2.87 2.96 3.04	1.043 1.056 1.068 1.080 1.091 1.102 1.112 1.122 1.132 1.142 1.151 1.160 1.169 1.177 1.185 1.194 1.202 1.209 1.225 1.239 1.254 1.268	563.1 570.3 577.4 584.2 590.7 597.2 603.5 609.7 615.8 621.8 627.8 633.6 639.4 645.1 650.8 656.5 662.1 667.7 678.9 689.9 700.9 711.9	1.85  1.90 1.95 2.00 2.05 2.10  2.15 2.20 2.24 2.28 2.32 2.36 2.41 2.45 2.49 2.53  2.58 2.62 2.70 2.78 2.86 2.94	1.038  1.051 1.063 1.075 1.086 1.097  1.108 1.118 1.128 1.138 1.147  1.156 1.165 1.173 1.181 1.190  1.198 1.205 1.221 1.235 1.250	562.1 569.4 576.6 583.4 590.0 596.5 602.9 609.1 615.3 627.3 627.3 633.2 639.0 644.7 650.4 656.1 661.7 667.3 678.5 689.6 700.6 711.7

Pres sure	7 6 6	170 [85.9]			180 [89.4]			190 [92.7]			<b>200</b> [95.9]	
Temp ° F.	<b>V</b>	s	i	▼	s	i	v	s	i	▼	s	i
Sat.	1.76	1.027	558.1	1.67	1.023	558.8	1.58	1.018	559.4	1.50	1.014	560.0
90	1.78	1.033	561.1	1.67	1.024	559.2						
100	1.83	1.046	568.5	1.72	1.037	566.7	1.62	1.028	564.9	1.52	1.020	563.1
110	1.88	1.059	575.7	1.77	1.050	574.0	1.67	1.041	572.3	1.57	1.033	570.7
120	1.93	1.071	582.6 589.3	1.81	1.062	581.1 587.9	1.71	1.054	579.6 586.5	1.61	1.046	578.1 585.1
140	2.03	1.093	595.8	1.90	1.085	594.5	1.79	1.077	593.1	1.69	1.069	591.7
150	2.08	1.104	602.2	1.94	1.096	600.9	1.83	1.088	599.7	1.73	1.080	598.4
160	2.13	1.114	608.5	1.99	1.106	607.4	1.87	1.098	606.2	1.77	1.091	605.0
170	2.17	1.124	614.7	2.03	1.116	613.6	1.91	1.108	612.5	1.81	1.101	611.4
190	2.21	1.134	626.8	2.07	1.135	619.7	1.95	1.128	624.8	1.85	I.III I.I2I	623.9
		2										
200	2.29	1.152	632.7	2.15	1.144	631.8	.2.03	1.137	630.9	1.92	1.130	630.0
2IO 22O	2.33	1.161	638.5	2.19	1.153	637.7	2.07	1.146	636.9	1.96	1.139	636.0 642.1
230	2.41	1.177	650.0	2.27	1.170	649.3	2.14	1.163	648.6	2.02	1.156	647.9
240	2.45	1.186	655.7	2.31	1.178	655.0	2.18	1.171	654.3	2.06	1.165	653.6
250	2.50	1.194	661.3	2.35	1.186	660.6	2.22	1.179	659.9	2.10	1.173	659.3
260	2.54	1.202	667.0	2.39	1.194	666.3	2.25	1.187	665.7	2.13	1.181	665.1
280	2.61	1.217	678.2	2.46	1.210	677.6 688.8	2.32	1.203	677.0	2.20	1.197	676.4
300 320	2.69	1.232	689.3 700.3	2.54 2.61	1.225	699.8	2.40	1.218	699.3	2.27	1.212	698.8
340	2.85	1.260	711.4	2.69	1.253	710.9	2.54	1.246	710.4	2.40	1.240	709.9
360	2.92	1.274	722.4	2.76	1.267	721.9	2.61	1.260	721.5	2.47	1.254	721.0
380	2.99	1.287	733.4	2.83	1.280	732.9	2.68	1.273	732.5	2.54	1.267	732.1
		210			220			230			240	-111
		210 [98.9]			220 [101.8]	E		230	1		240 [107.4]	
Sat.	1.43		560.5	1.37		561.0	1.31		561.5	1.26		562.0
110	1.48	[98.9] 1.010 1.025	569.0	1.37	1.007	567.3	1.33	1.003	565.7	1.27	[107.4] 1.000 1.003	564.0
110	1.48	[98.9] 1.010 1.025 1.038	569.0 576.5	1.40	1.007 1.018 1.031	567.3 574.9	I.33 I.37	[104.7] 1.003 1.010 1.024	565.7 573.4	1.27	[107.4] 1.000 1.003 1.017	564.0 571.8
110 120 130	1.48 1.52 1.56	[98.9] 1.010 1.025 1.038 1.050	569.0 576.5 583.6	1.40 1.44 1.48	1.007 1.018 1.031 1.043	567.3 574.9 582.1	I.33 I.37 I.41	1.003 1.010 1.024 1.036	565.7 573.4 580.7	1.27 1.31 1.34	[107.4] 1.000 1.003 1.017 1.030	564.0 571.8 579.3
110 120 130 140	1.48 1.52 1.56 1.60	[98.9] 1.010 1.025 1.038 1.050 1.062	569.0 576.5 583.6 590.4	1.40 1.44 1.48 1.52	1.007 1.018 1.031 1.043 1.055	567.3 574.9 582.1 589.1	1.33 1.37 1.41 1.45	1.003 1.010 1.024 1.036 1.048	565.7 573.4 580.7 587.8	1.27 1.31 1.34 1.38	1.000 1.003 1.017 1.030 1.042	564.0 571.8 579.3 586.5
110 120 130 140	1.48 1.52 1.56 1.60	[98.9] 1.010 1.025 1.038 1.050 1.062	569.0 576.5 583.6 590.4	1.40 1.44 1.48 1.52	1.007 1.018 1.031 1.043 1.055	567.3 574.9 582.1 589.1	1.33 1.37 1.41 1.45	1.003 1.010 1.024 1.036 1.048	565.7 573.4 580.7 587.8	1.27 1.31 1.34 1.38	1.000 1.003 1.017 1.030 1.042	564.0 571.8 579.3 586.5
110 120 130 140 <b>150</b> 160	1.48 1.52 1.56 1.60	[98.9]  1.010  1.025 1.038 1.050 1.062 1.073 1.084	569.0 576.5 583.6 590.4 597.2 603.8	1.40 1.44 1.48 1.52	1.007 1.018 1.031 1.043 1.055 1.066 1.077	567.3 574.9 582.1 589.1 596.0 602.7	1.33 1.37 1.41 1.45	1.003 1.010 1.024 1.036 1.048 1.060 1.071	565.7 573.4 580.7 587.8 594.7 601.6	1.27 1.31 1.34 1.38	1.000 1.003 1.017 1.030 1.042 1.053 1.065	564.0 571.8 579.3 586.5
110 120 130 140	1.48 1.52 1.56 1.60	[98.9] 1.010 1.025 1.038 1.050 1.062	569.0 576.5 583.6 590.4	1.40 1.44 1.48 1.52	1.007 1.018 1.031 1.043 1.055	567.3 574.9 582.1 589.1	1.33 1.37 1.41 1.45	1.003 1.010 1.024 1.036 1.048	565.7 573.4 580.7 587.8	1.27 1.31 1.34 1.38	1.000 1.003 1.017 1.030 1.042	564.0 571.8 579.3 586.5
110 120 130 140 <b>150</b> 160 170	1.48 1.52 1.56 1.60 1.64 1.68 1.72	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.094	569.0 576.5 583.6 590.4 597.2 603.8 610.3	1.40 1.44 1.48 1.52 1.55 1.59 1.63	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088	567.3 574.9 582.1 589.1 596.0 602.7 609.2	1.33 1.37 1.41 1.45 1.48 1.51 1.55	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081	565.7 573.4 580.7 587.8 594.7 601.6 608.2	1.27 1.31 1.34 1.38 1.42 1.45 1.45	1.000 1.003 1.017 1.030 1.042 1.053 1.065 1.075	564.0 571.8 579.3 586.5 593.5 600.4 607.1
110 120 130 140 150 160 170 180 190	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.094 1.104	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7	1.40 1.44 1.48 1.52 1.55 1.59 1.63 1.66	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.098	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081 1.092 1.102	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0	1.27 1.31 1.34 1.38 1.42 1.45 1.45 1.48	[107.4] 1.000 1.003 1.017 1.030 1.042 1.053 1.065 1.075 1.086	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1
110 120 130 140 150 160 170 180 190	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.098 1.108	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4	1.33 1.37 1.41 1.45 1.51 1.55 1.58 1.61	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081 1.092 1.102	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5	1.27 1.31 1.34 1.38 1.42 1.45 1.45 1.51 1.54	[107.4]  1.000  1.003 1.017 1.030 1.042 1.053 1.065 1.075 1.086 1.096	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7
110 120 130 140 150 160 170 180 190 200 210 220	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79 1.82 1.86 1.89	[98.9]  1.010  1.025 1.038 1.050 1.062 1.073 1.084 1.104 1.114 1.123 1.133 1.142	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.108 1.117 1.126 1.135	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61 1.64 1.68	I.003 I.010 I.024 I.036 I.048 I.060 I.071 I.081 I.092 I.102 I.111 I.120 I.129	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6	1.27 1.31 1.34 1.38 1.42 1.45 1.48 1.51 1.54	[107.4] 1.000 1.003 1.017 1.030 1.042 1.053 1.065 1.075 1.086 1.096	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8
110 120 130 140 150 160 170 180 190	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.098 1.108 1.117 1.126 1.135 1.144	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4	1.33 1.37 1.41 1.45 1.51 1.55 1.58 1.61	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081 1.092 1.102	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5	1.27 1.31 1.34 1.38 1.42 1.45 1.45 1.51 1.54	[107.4]  1.000  1.003 1.017 1.030 1.042 1.053 1.065 1.075 1.086 1.096	564.0 571.8 579.3 586.5 593.5 600.4 607.1 620.1 626.4 632.7 638.8 644.8
110 120 130 140 150 160 170 180 190 210 220 230 240	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79 1.82 1.86 1.89 1.92	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133 1.142 1.150 1.159	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69 1.72 1.76 1.79 1.82 1.86	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.098 1.108 1.117 1.126 1.135 1.144 1.152	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61 1.64 1.68 1.71 1.74	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081 1.092 1.102 1.111 1.120 1.129 1.138 1.146	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.6 651.5	1.27 1.31 1.34 1.38 1.42 1.45 1.48 1.51 1.54 1.57 1.61 1.67 1.70	[107.4]  1.000  1.003 1.017 1.030 1.042  1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7
110 120 130 140 150 160 170 180 190 200 210 220 230	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79 1.82 1.86 1.89	[98.9]  1.010  1.025 1.038 1.050 1.062 1.073 1.084 1.104 1.114 1.123 1.133 1.142 1.150 1.159	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9 658.6	1.40 1.44 1.48 1.52 1.55 1.59 1.66 1.69 1.72 1.76 1.79 1.82 1.86	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.098 1.108 1.117 1.126 1.135 1.144 1.152	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61 1.64 1.71 1.74 1.78	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081 1.092 1.102 1.111 1.120 1.129 1.138 1.146	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.6 651.5	1.27 1.31 1.34 1.38 1.42 1.45 1.48 1.51 1.54 1.57 1.61 1.64 1.67 1.70	[107.4]  1.000  1.003 1.017 1.030 1.042 1.053 1.065 1.075 1.086 1.096 1.105 1.115 1.1124 1.132	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7
110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.96	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133 1.142 1.150 1.159	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69 1.72 1.76 1.79 1.82 1.86	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.098 1.108 1.117 1.126 1.135 1.144 1.152	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2 658.0 663.8 669.6	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61 1.64 1.68 1.71 1.74	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081 1.092 1.102 1.111 1.120 1.129 1.138 1.146	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.6 651.5	1.27 1.31 1.34 1.38 1.42 1.45 1.45 1.51 1.54 1.57 1.61 1.64 1.67 1.70	[107.4]  1.000  1.003 1.017 1.030 1.042 1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7 656.6 662.5 668.3
110 120 130 140 150 160 170 180 190 210 220 230 240 250 260 270 280	1.48 1.52 1.56 1.60 1.64 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.96	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.094 1.104 1.114  1.123 1.133 1.142 1.150 1.159  1.167 1.175 1.183 1.191	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9 658.6 664.4 670.2 675.8	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.95 1.99	1.007	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2 638.0 663.8 669.6 675.2	1.33 1.37 1.41 1.45 1.51 1.55 1.58 1.61 1.64 1.68 1.71 1.74 1.78 1.81 1.84 1.87	1.003   1.010   1.024   1.036   1.048   1.060   1.071   1.081   1.092   1.112   1.120   1.120   1.138   1.146   1.155   1.163   1.171   1.179	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 655.5 657.3 663.2 669.0 674.6	1.27 1.31 1.34 1.38 1.42 1.45 1.51 1.54 1.57 1.61 1.64 1.67 1.70	[107.4]  1.000  1.003 1.017 1.030 1.042  1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141  1.149 1.158 1.166 1.174	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7 656.6 662.5 668.3 674.0
110 120 130 140 150 160 170 180 190 200 210 220 230 240 260 270 280 300	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.96	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133 1.142 1.150 1.159  1.167 1.175 1.183	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9	1.40 1.44 1.48 1.52 1.55 1.59 1.63 1.66 1.69 1.72 1.76 1.79 1.82 1.86	1.007 1.018 1.031 1.043 1.055 1.066 1.077 1.088 1.098 1.108 1.117 1.126 1.135 1.144 1.152 1.161 1.169 1.177	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2 658.0 663.8 669.6	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61 1.64 1.68 1.71 1.74 1.78	1.003 1.010 1.024 1.036 1.048 1.060 1.071 1.081 1.092 1.102 1.111 1.120 1.138 1.146 1.155 1.163 1.171	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.6 651.5	1.27 1.31 1.34 1.38 1.42 1.45 1.45 1.51 1.54 1.57 1.61 1.64 1.67 1.70	[107.4]  1.000  1.003 1.017 1.030 1.042  1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141  1.149 1.158 1.166	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7 656.6 662.5 668.3
110 120 130 140 150 160 170 180 190 200 210 220 230 240 260 270 280 300	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.96 1.99 2.02 2.05 2.09 2.15	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133 1.142 1.150 1.159  1.167 1.175 1.183 1.191 1.206	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9 658.6 664.4 670.2 675.8 687.2 698.4	1.40 1.44 1.48 1.52 1.55 1.59 1.63 1.66 1.69 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.95 1.99 2.05	1.007   1.018   1.043   1.055   1.066   1.077   1.088   1.108   1.117   1.126   1.135   1.144   1.152   1.161   1.169   1.177   1.185   1.200   1.214	567.3 574.9 582.1 589.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2 658.0 663.8 669.6 675.2 686.7	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61 1.64 1.71 1.74 1.78 1.81 1.84 1.87 1.90 1.96	1.003   1.010   1.024   1.036   1.048   1.060   1.071   1.081   1.092   1.102   1.111   1.120   1.138   1.146   1.155   1.163   1.171   1.179   1.194   1.209   1.209	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.6 651.5 657.3 663.2 669.0 674.6 686.2	1.27 1.31 1.34 1.38 1.42 1.45 1.48 1.51 1.54 1.57 1.61 1.64 1.67 1.70 1.73 1.76 1.79 1.82 1.87	[107.4]  1.000  1.003 1.017 1.030 1.042  1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141  1.149 1.158 1.166 1.174 1.189	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7 656.6 662.5 668.3 674.0 685.6 696.9
110 120 130 140 150 160 170 180 190 210 220 230 240 250 260 270 280 300 340	1.48 1.52 1.56 1.60 1.64 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.96 1.99 2.02 2.05 2.09 2.15	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133 1.142 1.150 1.159  1.167 1.175 1.183 1.191 1.206 1.220 1.234	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9 668.4 670.2 675.8 687.2 698.4 709.5	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.95 1.99 2.05	1.007	567.3 574.9 582.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2 638.0 663.8 669.6 675.2 686.7	1.33 1.37 1.41 1.45 1.51 1.55 1.58 1.61 1.64 1.68 1.71 1.74 1.78 1.81 1.84 1.87 1.90 1.96	1.003   1.010   1.024   1.036   1.048   1.060   1.071   1.081   1.092   1.102   1.111   1.120   1.138   1.146   1.155   1.163   1.171   1.179   1.194   1.209   1.223	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.6 651.5 657.3 663.2 669.0 674.6 686.2	1.27 1.31 1.34 1.38 1.42 1.45 1.51 1.54 1.57 1.61 1.64 1.67 1.70 1.73 1.76 1.79 1.82 1.87	[107.4]  1.000  1.003 1.017 1.030 1.042  1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141  1.149 1.158 1.166 1.174 1.189  1.203 1.218	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7 656.6 662.5 668.3 674.0 685.6 696.9 708.1
110 120 130 140 150 160 170 180 190 200 210 220 230 240 260 270 280 300	1.48 1.52 1.56 1.60 1.64 1.68 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.96 1.99 2.02 2.05 2.09 2.15	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133 1.142 1.150 1.159  1.167 1.175 1.183 1.191 1.206	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9 658.6 664.4 670.2 675.8 687.2 698.4	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69 1.72 1.76 1.79 1.86 1.89 1.92 1.95 2.05	1.007   1.018   1.043   1.055   1.066   1.077   1.088   1.108   1.117   1.126   1.135   1.144   1.152   1.161   1.169   1.177   1.185   1.200   1.214	567.3 574.9 582.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2 653.8 669.6 675.2 686.7	1.33 1.37 1.41 1.45 1.48 1.51 1.55 1.58 1.61 1.64 1.68 1.71 1.74 1.84 1.84 1.87 1.90 1.96	1.003   1.010   1.024   1.036   1.048   1.060   1.071   1.081   1.092   1.112   1.120   1.129   1.138   1.146   1.155   1.163   1.171   1.179   1.194   1.209   1.223   1.237   1.23	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.5 657.3 663.2 669.0 674.6 686.2	1.27 1.31 1.34 1.38 1.42 1.45 1.48 1.51 1.54 1.57 1.61 1.64 1.67 1.70 1.73 1.76 1.79 1.82 1.87	[107.4]  1.000  1.003 1.017 1.030 1.042  1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141  1.149 1.158 1.166 1.174 1.189	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7 656.6 662.5 668.3 674.0 685.6 696.9 708.1 719.3
110 120 130 140 150 160 170 180 190 210 220 230 240 250 270 280 300 320 340 360	1.48 1.52 1.56 1.60 1.64 1.72 1.76 1.79 1.82 1.86 1.89 1.92 2.02 2.05 2.09 2.15	[98.9]  1.010  1.025 1.038 1.050 1.062  1.073 1.084 1.104 1.114  1.123 1.133 1.142 1.150 1.159  1.167 1.175 1.183 1.191 1.206	569.0 576.5 583.6 590.4 597.2 603.8 610.3 616.7 623.0 629.1 635.2 641.3 647.2 652.9 658.6 664.4 670.2 675.8 687.2 698.4 709.5 720.6	1.40 1.44 1.48 1.52 1.55 1.63 1.66 1.69 1.72 1.76 1.79 1.82 1.86 1.89 1.92 1.95 1.99 2.05	1.007	567.3 574.9 582.1 596.0 602.7 609.2 615.7 622.0 628.2 634.4 640.5 646.4 652.2 638.0 663.8 669.6 675.2 686.7	1.33 1.37 1.41 1.45 1.51 1.55 1.58 1.61 1.64 1.68 1.71 1.74 1.78 1.81 1.84 1.87 1.90 1.96	1.003   1.010   1.024   1.036   1.048   1.060   1.071   1.081   1.092   1.102   1.111   1.120   1.138   1.146   1.155   1.163   1.171   1.179   1.194   1.209   1.223	565.7 573.4 580.7 587.8 594.7 601.6 608.2 614.7 621.0 627.3 633.5 639.6 645.6 651.5 657.3 663.2 669.0 674.6 686.2	1.27 1.31 1.34 1.38 1.42 1.45 1.51 1.54 1.57 1.61 1.64 1.67 1.70 1.73 1.76 1.79 1.82 1.87	[107.4]  1.000  1.003 1.017 1.030 1.042  1.053 1.065 1.075 1.086 1.096  1.105 1.115 1.124 1.132 1.141  1.149 1.158 1.166 1.174 1.189  1.203 1.218	564.0 571.8 579.3 586.5 593.5 600.4 607.1 613.7 620.1 626.4 632.7 638.8 644.8 650.7 656.6 662.5 668.3 674.0 685.6 696.9 708.1

Temp.,	Saturation pressure, lb. per sq. in.	Volume of 1 lb., cu. ft.	Weight of reu. ft., lb.	144 Apv'	Temp.,	Saturation pressure, lb. per sq. in.	Volume of I lb., cu. ft.	Weight of I cu. ft., lb.	144 Apv'
-110	0.758	0.02202	45.42	0.003	90	' 181.8	0.02714	36.84	0.92
-105	0.947	.02211	45.23	.004	95	197.3	.02734	36.58	1,00
-100	6	0.02220		0.005	100	0700		36.32	0
	1.176		45.04			213.8	0.02754		1.09
- 95	1.450	.02229	44.85	.006	105	231.2	.02774	36.06	1.19
- 90	1.778	.02239	44.66	.007	110	249.6	.02795	35.79	1.29
- 85	2.167	.02248	44-47	.009	115	269.2	.02816	35.51	1.40
- 80	2.626	.02258	44.28	.011	120	289.9	.02839	35.23	1.52
		60	300		105		0.0		- 6 -
<b>- 75</b>	3.164	0.02268	44.09	0.013	125	311.6	0.02862	34.95	1.65
- 70	3.791	.02278	43.89	.016	130	334.6	.02886	34.66	1.79
- 65	4.518	.02288	43.70	.019	135	358.8	.02910	34.36	1.93
- 60	5.358	.02299	43.51	.023	140	384.4	.02936	34.06	2.09
- 55	6.324	.02309	43.31	.027	145	411.3	.02963	33.76	2.26
00			.0 0		1.0			00 /	
- 50	7-43	0.02320	43.11	0.032	150	439.5	0.0299	33.45	2.43
- 45	8.69	.02331	42.91	.038	155	469.1	.0302	33.13	2.62
- 40	10.12	.02342	42.71	.044	160	500.1	.0305	32.80	2.82
- 35	11.74	.02353	42.50	.051	165	532.6	.0308	32.47	3.04
						566.6	_		
- 30	13.56	.02364	42.30	.059	170	500.0	.0312	32.13	3.27
- 25	15.61	0.02376	42.09	0.069	175	602.2	0.0315	31.8	3.51
- 20	17.91	.02388	41.88	.079	180	639.5	.0318	31.5	3.77
- 15	20.46	.02400	41.67	.091	185	678.4	.0322	31.1	4.05
		.02412	41.46	_					
	23.30			.104	190	719.0	.0326	30.7	4.34
- 5	26.46	.02424	41.25	.119	195	761.4	.0330	30.3	4.65
0	29.95	0.02437	41.04	0.135	200	805.6	0.0335	29.9	4.99
5	33.79	.02450	40.83	.153	205	851.7	.0340	29.4	5.36
10	38.02	.02463	40.61	.173	210			29.0	5.75
						899.7	.0345		6.16
15	42.67	.02476	40.39	.196	215	949.6	.0350	28.6	
20	47.75	.02490	40.17	.220	220	1001.4	.0355	28.2	6.59
25	53.30	0.02504	39.95	0.247	225	1055.3	0.0361	27.7	7.1
30	59.35	.02518	39.72	.277	230	1111.3	.0368	27.2	7.6
-		.02532	39.72					26.6	8.1
35	65.91			.309	235	1169.5	.0376		8.7
40	73.03	.02547	39.27	.344	240	1229.9	.0384	26.0	
45	80.75	.02562	39.04	.383	245	1292.5	.0393	25.4	9.4
50	89.1	0.02577	38.81	0.425	250	1357.4	0.0404	24.8	10.2
55	98.0	.02593	38.57	.471	255	1424.7	.0417	24.0	11.0
60	107.7	.02609	38.33	.520	260	1494.4	.0435	23.0	12.0
65	118.1	.02626	38.09	.574	265	1566.6		21.8	13.3
70	129.2	.02643	37.85	.632			.0457	20.0	
/0	129.2	.02043	37.05	.032	270	1641.3	.0500	20.0	15.2
75	141.1	0.02660	37.60	0.70	273.2	1690.0	0.0678	14.75	21.2
				.76			1 '		
80	153.9	.02678	37.33	./0					
80 85	153.9	.02696	37.35 37.10	.84					

	0	1 -	2	3	4	5	6	7	8	9
100										
101	0000	0004	0009	0013	0017	0022	0026	0030	0035	0039
102	0043	0048	0052	0056	0060	0065	0069	0073	0077	0082
	0128	0090	0095	0099	0103	0107	OIII	0116	0120	0124
103	0170	0133	0137	0141	0145	0149	0154	0158	0204	0208
	0170	0175	0179	0183	0107	0191	0195	0199	0204	0208
105	0212	0216	0220	0224	0228	0233	0237	0241	0245	0249
106	0253	0257	0261	0265	0269	0273	0278	0282	0286	0290
107	0294	0298	0302	0306	0310	0314	0318	0322	0326	0330
108	0334	0338	0342	0346	0350	0354	0358	0362	0366	0370
109	0374	0378	0382	0386	0390	0394	0398	0402	0406	0410
110	0414	0418	0422	0426	0430	0434	0438	0441	0445	0449
11	0414	0453	0492	0531	0569	0607	0645	0682	0719	0755
12	0792	0828	0864	0899	0934	0969	1004	1038	1072	1106
13	1139	1173	1206	1239	1271	1303	1335	1367	1399	1430
14	1461	1492	1523	1553	1584	1614	1644	1673	1703	1732
15	1761	1790	1818	1847	1875	1903	1931	1959	1987	2014
16	2041	2068	2095	2122	2148	2175	2201	. 2227	2253	2279
17	2304	2330	2355	2380	2405	2430	2455	2480	2504	2529
18	2553	2577	2601	2625	2648	2672	2695	2718	2742	2765
19	2788	2810	2833	2856	2878	2900	2923	2945	2967	2989
20	3010	3032	3054	3075	3096	3118	3139	3160	3181	3201
21	3222	3243	3263	3284	3304	3324	3345	3365	3385	3404
22	3424	3444	3464	3483	3502	3522	3541	3560	3579	3598
23	3617	3636	3655	3674	3692	3711	3729	3747	3766	3784
24	3802	3820	3838	3856	3874	3892	3909	3927	3945	3962
25	3979	3997	4014	4031	4048	4065	4082	4099	4116	4133
26	4150	4166	4183	4200	4216	4232	4249	4265	4281	4298
27	4314	4330	4346	4362	4378	4393	4409	4425	4440	4456
28	4472	4487	4502	45 1	4533	4548	4564	4579	4594	4609
29	4624	4639	4654	4669	4683	4698	4713	4728	4742	4757
30	4771	4786	4800	4814	4829	4843	4857	4871	4886	4900
31	4914	4928	4942	4955	4969	4983	4997	5011	5024	5038
32	5051	5065	5079	5092	5105	5119	5132	5145	5159	5172
33	5185	5198	5211	5224	5237	5250	5263	5276	5289	5302
34	5315	5328	5340	5353	5366	5378	5391	5403	5416	5428
35	5441	5453	5465	5478	5490	5502	5514	5527	5539	5551
36	5563	5575	5587	5599	5611	5623	5635	5647	5658	5670
37	5682	5694	5705	5717	5729	5740	5752	5763	5775	5786
38	5798	5809	5821	5832	5843	5855	5866	5877	5888	5899
39	5911	5922	5933	5944	5955	5966	5977	5988	5999	6010
40	6021	6031	6042	6053	6064	6075	6085	6096	6107	6117
41	6128	6138	6149	6160	6170	6180	6191	6201	6212	6222
42	6232	6243	6253	6263	6274	6284	6294	6304	6314	6325
43	6335	6345	6355	6365	6375	6385	6395	6405	6415	6425
44	6435	6444	6454	6464	6474	6484	6493	6503	6513	6522
45	6532	6542	6551	6561	6571	6580	6590	6599	6609	6618
46	6628	6637	6646	6656	6665	6675	6684	6693	6702	6712
47	6721	6730	6739	6749	6758	6767	6776	6785	6794	6803
48	6812	6821	6830	6839	6848	6857	6866	6875	6884	6893
49	6902	6911	6920	6928	6937	6946	6955	6964	6972	6981

	0	1	2	3	4	5	6	7	8	9
50	6990	6998	7007	7016	7024	7033	7042	7050	7059	7067
-	7076	7084	7093	7101	7110	7118 .	7126			
51	7160	7168		7185		7202	7210	7135	7143	7152
52			7177	7267	7193	7284				7235
53	7243	7251	7259		7275		7292	7300	7308	7316
54	7324	7332	7340	7348	7356	7364	7372	7380	7388	7396
55	7404	7412	7419	7427	7435	7443	7451	7459	7466	7474
56	7482	7490	7497	7505	7513	7520	7528	7536	7543	7551
57	7559	7566	7574	7582	7589	7597	7604	7612	7619	7627
58	7634	7642	7649	7657	7664	7672	7679	7686	7694	7701
59	7709	7716	7723	7731	7738	7745	7752	7760	7767	7774
60	7782	7789	7796	7803	7810	7818	7825	7832	7839	7846
61	7853	7860	7868	7875	7882	7889	7896	7903	7910	7917
62	7924	7931	7938	7945	7952	7959	7966	7973	7980	7987
63	7993	8000	8007	8014	8021	8028	8035	8041	8048	8055
64	8062	8069	8075	8082	8089	8096	8102	8109	8116	8122
65	8129	8136	8142	8149	8156	8162	8169	8176	8182	8189
66	8195	8202	8209	8215	8222	8228	8235	8241	8248	8254
67	8261	8267	8274	8280	8287	8293	8299	8306	8312	8319
68										8382
	8325	8331	8338	8344	8351	8357	8363	8370	8376	
69	8388	8395	8401	8407	8414	8420	8426	8432	8439	8445
70	8451	8457	8463	8470	8476	8482	8488	8494	8500	8506
71	8513	8519	8525	8531	8537	8543	8549	8555	8561	8567
72	8573	8579	8585	8591	8597	8603	8609	8615	8621	8627
73	8633	8639	8645	8651	8657	8663	8669	8675	868ı	8686
74	8692	8698	8704	8710	8716	8722	8727	8733	8739	8745
75	8751	8756	8762	8768	8774	8779	8785	8791	8797	8802
76	8808	8814	8820	8825	883 r	8837	8842	8848	8854	8859
77	8865	8871	8876	8882	8887	8893	8899	8904	8910	8915
78	8921	8927	8932	8938	8943	8949	8954	8960	8965	8971
79	8976	8982	8987	8993	8998	9004	9009	9015	9020	9025
80	9031	9036	9042	9047	9053	9058	9063	9069	9074	9079
81	9085	9090	9096	9101	9106	9112	9117	9122	9128	9133
82	9138	9143	9149	9154	9159	9165	9170	9175	9180	9186
83	9191	9196	9201	9206	9212	9217	9222	9227	9232	9238
84	9243	9248	9253	9258	9263	9269	9274	9279	9284	9289
85	9294	9299	9304	9309	9315	9320	9325	9330	9335	9340
86	9345	9350	9355	9360	9365	9370	9375	9380	9385	9390
87	9395	9400	9405	9410	9415	9420	9425	9430	9435	9440
88	9445	9450	9455	9460	9465	9469	9474	9479	9484	9489
89	9494	9499	9504	9509	9513	9518	9523	9528	9533	9538
90	0540	0545	0550	0555	0=60	0.566	Offix	0.556	0.587	9586
	9542	9547	9552	9557	9562	9566	9571	9576	9581	
91	9590	9595	9600	9605	9609	9614	9619	9624	9628	9633
92	9638	9643	9647	9652	9657	9661	9666	9671	9675	9680
93 94	9685 9731	9689 9736	9694 9741	9699 9745	9703 9750	9708 9754	9713 9759	9717 9763	9722 9768	9727 9773
					3,30					
95	9777	9782	9786	9791	9795	9800	9805	9809	9814	9818
96	9823	9827	9832	9836	9841	9845	9850	9854	9859	
97	9868	9872	9877	9881	9886	9890	9894	9899	9903	9908
98	9912	9917	9921	9926	9930	9934	9939	9943	9948	9952
	9956	9961	9965	9969	9974	9978	9983	9987	9991	9996

### NAPIERIAN LOGARITHMS

Base  $\epsilon = 2.71828 +$ 

	0	1	2	3	4	5	6	7	8	9
1.0	0.0000	0.0100	0.0198	0.0296	0.0392	0.0488	0.0583	0.0677	0.0770	0.0862
I.I	.0953	.1044	.1133	.1222	.1310	.1398	.1484	.1570	.1655	.1739
1.2	-1823	.1906	.1988	.2070	.2151	.2231	.2311	.2390	.2469	.2546
1.3	.2624	.2700	.2776	.2852	.2927	.3001	.3075	.3148	.3221	.3293
1.4	.3365	.3436	.3507	-3577	.3646	.3716	.3784	.3853	.3920	.3988
1.5	0.4055	0.4121	0.4187	0.4253	0.4318	0.4383	0.4447	0.4511	0.4574	0.4637
1.6	.4700	.4762	.4824	.4886	·4947	.5008	.5068	.5128	.5188	.5247
1.7	.5306	.5365	.5423	.5481	-5539	-5596	.5653	.5710	.5766	.5822
1.8	.5878	•5933	.5988	.6043	.6098	.6152	.6206	.6259	.6313	.6366
1.9	.6419	.6471	.6523	.6575	.6627	.6678	.6729	.6780	.6831	.6881
2.0	0.6931	0.6981	0.7031	0.7080	0.7129	0.7178	0.7227	0.7275	0.7324	0.7372
2.1	.7419	.7467	.7514	.7561	.7608	.7655	.7701	.7747	.7793	.7839
2.2	.7885	.7930	-7975	.8020	.8065	.8109	.8154	.8198	.8242	.8286
2.3	.8329	.8372	.8416	.8459	.8502	.8544	.8587	.8629	.8671	.8713
2.4	.8755	.8796	.8838	.8879	.8920	.8961	.9002	.9042	.9083	.9123
2.5	0.9163	0.9203	0.9243	0.9282	0.9322	0.9361	0.9400	0.9439	0.9478	0.9517
2.6	-9555	.9594	0.9632	0.9670	0.9708	0.9746	0.9783	0.9821	0.9858	0.9895
2.7	.9933	.9969	1.0006	1.0043	1.0080	1.0116	1.0152	1.0188	1.0225	1.0260
2.8	1.0296	1.0332	1.0367	1.0403	1.0438	1.0473	1.0508	1.0543	1.0578	1.0613
2.9	1.0647	1.0682	1.0716	1.0750	1.0784	1.0818	1.0852	1.0886	1.0919	1.0953
3.0	1.0986	1.1019	1.1053	1.1086	1.1119	1.1151	1.1184	1.1217	1.1249	1.1282
3.1	1.1314	1.1346	1.1378	1.1410	1.1442	1.1474	1.1506	1.1537	1.1569	1.1600
3.2	1.1632	1.1663	1.1694	1.1725	1.1756	1.1787	1.1817	1.1848	1.1878	1.1909
3.3	1.1939	1.1969	1.2000	1.2030	1.2060	1.2090	1.2119	1.2149	1.2179	1.2208
3.4	1.2238	1.2267	1.2296	1.2326	1.2355	1.2384	1.2413	1.2442	1.2470	1.2499
3.5	1.2528	1.2556	1.2585	1.2613	1.2641	1.2669	1.2698	1.2726	1.2754	1.2782
3.6	1.2809	1.2837	1.2865	1.2892	1.2920	1.2947	1.2975	1.3002	1.3029	1.3056
3.7	1.3083	1.3110	1.3137	1.3164	1.3191	1.3218	1.3244	1.3271	1.3297	1.3324
3.8	1.3350	1.3376	1.3403	1.3429	1.3455	1.3481	1.3507	1.3533	1.3558	1.3584
3.9	1.3610	1.3635	1.3661	1.3686	1.3712	1.3737	1.3762	1.3788	1.3813	1.3838
4.0	1.3863	1.3888	1.3913	1.3938	1.3962	1.3987	1.4012	1.4036	1.4061	1.4085
4.1	1.4110	1.4134	1.4159	1.4183	1.4207	1.4231	1.4255	1.4279	1.4303	1.4327
4.2	1.4351	1.4375	1.4398	1.4422	1.4446	1.4469	1.4493	1.4516	1.4540	1.4563
4.3	1.4586	1.4609	1.4633	1.4656	1.4679	1.4702	1.4725	1.4748	1.4770	1.4793
4.4	1.4816	1.4839	1.4861	1.4884	1.4907	1.4929	1.4951	1.4974	1.4996	1.5019
4.5	1.5041	1.5063	1.5085	1.5107	1.5129	1.5151	1.5173	1.5195	1.5217	1.5239
4.6	1.5261	1.5282	1.5304	1.5326	1.5347	1.5369	1.5390	1.5412	1.5433	1.5454
4.7	1.5476	1.5497	1.5518	1.5539	1.5560	1.5581	1.5602	1.5623	1.5644	1.5665
4.8	1.5686	1.5707	1.5728	1.5748	1.5769	1.5790	1.5810	1.5831	1.5851	1.5872
4.9	1.5892	1.5913	1.5933	1.5953	1.5974	1.5994	1.6014	1.6034	1.6054	1.6074
		1	t .				1			

To move decimal point n places to right (or left) add 1 2.3026 6 13.8155 (or subtract) n times 2.3026. Thus 2 4.6052 7 16.1181  $\log_e 425 = 1.4469 + 4.6052 = 6.0521$  3 6.9078 8 18.4207  $\log_e 0.00425 = 1.4469 - 6.9078 = \overline{6}.5391$  4 9.2103 9 20.7233 5 11.5129

_	1	1			1	1	1		2.	
	0	1	2	3	4	5	6	7	8	9
5.0	1.6094	1.6114	1.6134	1.6154	1.6174	1.6194	1.6214	1.6233	1.6253	1.6273
5.1	1.6292	1.6312	1.6332	1.6351	1.6371	1.6390	1.6409	1.6429	1.6448	1.6467
5.2	1.6487	1.6506	1.6525	1.6544	1.6563	1.6582	1.6601	1.6620	1.6639	1.6658
5.3	1.6677	1.6696	1.6715	1.6734	1.6752	1.6771	1.6790	1.6808	1.6827	1.6845
5.4	1.6864	1.6882	1.6901	1.6919	1.6938	1.6956	1.6974	1.6993	1.7011	1.7029
	210004	110001		-1103-3	210950	200930	-10974	210993	11,011	21/029
5.5	1.7047	1.7066	1.7084	1.7102	1.7120	1.7138	1.7156	1.7174	1.7192	1.7210
5.6	1.7228	1.7246	1.7263	1.7281	1.7299	1.7317	1.7334	1.7352	1.7370	1.7387
5.7	1.7405	1.7422	1.7440	1.7457	1.7475	1.7492	1.7509	1.7527	1.7544	1.7561
5.8	1.7579	1.7596	1.7613	1.7630	1.7647	1.7664	1.7681	1.7699	1.7716	1.7733
5.9	1.7750	1.7766	1.7783	1.7800	1.7817	1.7834	1.7851	1.7867	1.7884	1.7901
6.0	1.7918	1.7934	1.7951	1.7967	1.7984	1.8001	1.8017	1.8034	1.8050	1.8066
6.1	1.8083	1.8099	1.8116	1.8132.	1.8148	1.8165	1.8181	1.8197	1.8213	1.8229
6.2	1.8245	1.8262	1.8278	1.8294	1.8310	1.8326	1.8342	1.8358	1.8374	1.8390
6.3	1.8405	1.8421	1.8437	1.8453	1.8469	1.8485	1.8500	1.8516	1.8532	1.8547
6.4	1.8563	1.8579	1.8594	1.8610	1.8625	1.8641	1.8656	1.8672	1.8687	1.8703
6.5	1.8718	1.8733	1.8749	1.8764	1.8779	1.8795	1.8810	1.8825	1.8840	1.8856
6.6	1.8871	1.8886	1.8901	1.8916	1.8931	1.8946	1.8961	1.8976	1.8991	1.9006
6.7	1.9021	1.9036	1.9051	1.9066	1.9081	1.9095	1.9110	1.9125	1.9140	1.9155
6.8	1.9169	1.9184	1.9199	1.9213	1.9228	1.9242	1.9257	1.9272	1.9286	1.9301
6.9	1.9315	1.9330	1.9344	1.9359	1.9373	1.9387	1.9402	1.9416	1.9430	1.9445
0.9	1.9313	1.9330	2.9344	1.9339	1.9373	1.9307	1.9402	1.9410	1.9430	1.9443
7.0	1.9459	1.9473	1.9488	1.9502	1.9516	1.9530	1.9544	1.9559	1.9573	1.9587
7.1	1.9601	1.9615	1.9629	1.9643	1.9657	1.9671	1.9685	1.9699	1.9713	1.9727
7.2	1.9741	1.9755	1.9769	1.9782	1.9796	1.9810	1.9824	1.9838	1.9851	1.9865
7.3	1.9879	1.9892	1.9906	1.9920	1.9933	1.9947	1.9961	1.9974	1.9988	2.0001
7.4	2.0015	2.0028	2.0042	2.0055	2.0069	2.0082	2.0096	2.0109	2.0122	2.0136
7.5	2.0149	2.0162	2.0176	2.0189	2.0202	2.0215	2.0229	2.0242	2.0255	2.0268
7.6	2.0281	2.0295	2.0308	2.0321	2.0334	2.0347	2.0360	2.0373	2.0386	2.0399
7.7	2.0412	2.0425	2.0438	2.0451	2.0464	2.0477	2.0490	2.0503	2.0516	2.0528
7.8	2.0541	2.0554	2.0567	2.0580	2.0592	2.0605	2.0618	2.0631	2.0643	2.0656
7.9	2.0669	2.0681	2.0694	2.0707	2.0719	2.0732	2.0744	2.0757	2.0769	2.0782
8.0	0.0004	2.0807	2.0819	20822	2 2844	20055	2.0869	2.0882	2.0894	2 2026
8.1	2.0794			2.0832	2.0844	2.0857				2.0906
8.2	2.0919	2.0931	2.0943	2.1078	2.1090	2.0980	2.0992	2.1126	2.1017	2.1029
8.3	2.1163	2.1054	2.1187		2.1090	2.1102	2.1114		2.1138	2.1150
8.4	2.1103	2.1175	2.1107	2.1199			2.1235	2.1247		2.1389
0.4	2.1202	2.1294	2.1300	2.1310	2.1330	2.1342	2.1353	2.1365	2.1377	2.1309
8.5	2.1401	2.1412	2.1424	2.1436	2.1448	2.1459	2.1471	2.1483	2.1494	2.1506
8.6	2.1518	2.1529	2.1541	2.1552	2.1564	2.1576	2.1587	2.1599	2.1610	2.1622
8.7	2.1633	2.1645	2.1656	2.1668	2.1679	2.1691	2.1702	2.1713	2.1725	2.1736
8.8	2.1748	2.1759	2.1770	2.1782	2.1793	2.1804	2.1815	2.1827	2.1838	2.1849
8.9	2.1861	2.1872	2.1883	2.1894	2.1905	2.1917	2.1928	2.1939	2.1950	2.1961
9.0	2.1972	2.1983	2.1994	2.2006	2.2017	2.2028	2.2039	2.2050	2.2061	2.2072
9.1	2.2083	2.2094	2.2105	2.2116	2.2127	2.2138	2.2148	2.2159	2.2170	2.2181
9.2	2.2192	2.2203	2.2214	2.2225	2.2235	2.2246	2.2257	2,2268	2.2279	2.2289
9.3	2.2300	2.2311	2.2322	2.2332	2.2343	2.2354	2.2364	2.2375	2.2386	2.2396
9.4	2.2407	2.2418	2.2428	2.2439	2.2450	2.2460	2.2471	2.2481	2.2492	2.2502
9.5	0.0570	0.0500	0.0504	2.074	0.0555	0.0565	0.0006	2 2 2 9 6	0.0505	2.2607
	2.2513	2.2523	2.2534	2.2544	2.2555	2.2565	2.2576	2.2586	2.2597	2.2007
9.6			2.2638	2.2649	2.2659	2.2670		2.2690	2.2701	2.2711
9.7	2.2721	2.2732	2.2742	2.2752	2.2702	2.2773	2.2783	2.2793		
		2.2834	2.2844	2.2854 2.2956	2.2805	2.2875	2.2885	2.2895	2.2905	2.2915
9.9	2.2925	2.2935	2.2940	2.2950	2.2900	2.29/0	2.2986	2.2990	2.5000	2.3010
10.0	2.3026									
		1	l	1		1	1	1	1	1

The following tables give the numerical relations between the various units of pressure, energy, and power. For the calculation of the equivalents the following data are required.

		log			log
ı meter	$= \begin{cases} 39.37 * \text{ in.} \\ 3.28083 \text{ ft.} \end{cases}$	1.59517	i horsepower =	550 ft. lb./sec.	2.74036
1 metel	- 1 3.28083 ft.	0.51598	i cheval-vapeur =	= 75 kg. m./sec.	1.87506.
ı kilogram	= 2.20462 lb.	0.34333		= 100 kg. m./sec.	
r mean calorie		0.62159	g (standard) =	32.174 ft./sec. <sup>2</sup> 980.665 cm./sec.	1.50750
1 atmosphere	= 760 mm. of Hg.	2.88081	g (standard) -	980.665 cm./sec.	2 2.99152

#### PRESSURE

Kilograms per sq. cm.	Pounds per sq. in.	Pounds per sq. ft.	Atmospheres	Meters of mercury	Inches of mercury	Feet of water (at 60° F.)
1	14.223	2048.2	0.96781	0.73553	28.958	32.837
	1.55300†	3.31137	1.98579	ī.86660	1.46177	1.51636
0.070307	1	144*	0.068044	0.051713	2.0360	2.3087
2.84700		2.15836	2.83279	2.71360	0.30877	0.36336
$4.882 \times 10^{-4}$	6.944×10 <sup>-3</sup>	1	4.7253 × 10 <sup>-4</sup>	3.591 × 10 <sup>-4</sup>	0.014139	0.016032
$\overline{4.68863}$	3.84164		4.67442	4.55524	2.15041	2.20500
0.01421	14.696 1.16721	2116.3 3.32557	1	0.760 1.88081	29.921 1.47598	33.929 1.53058
1.3596 0.13340	19.338 1.28640	2784.6 3.44476	0.11919	1	39.37 1.59517	44.644 1.64976
0.034532	0.49117	70.728	0.035364	0.0254	1	I.I340
2.53822	1.69123	1.84959	2.54856	2.40484		0.05460
0.030453 2.48364	0.43315 1.63364	62.374 1.79500	0.029473 2.46942	0.07349 2.86623	0.88187	1

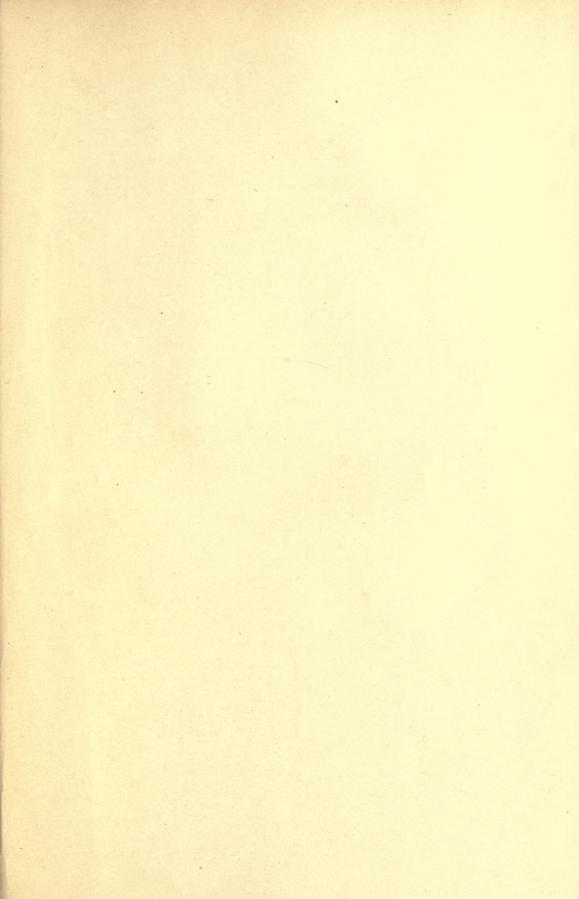
### ENERGY

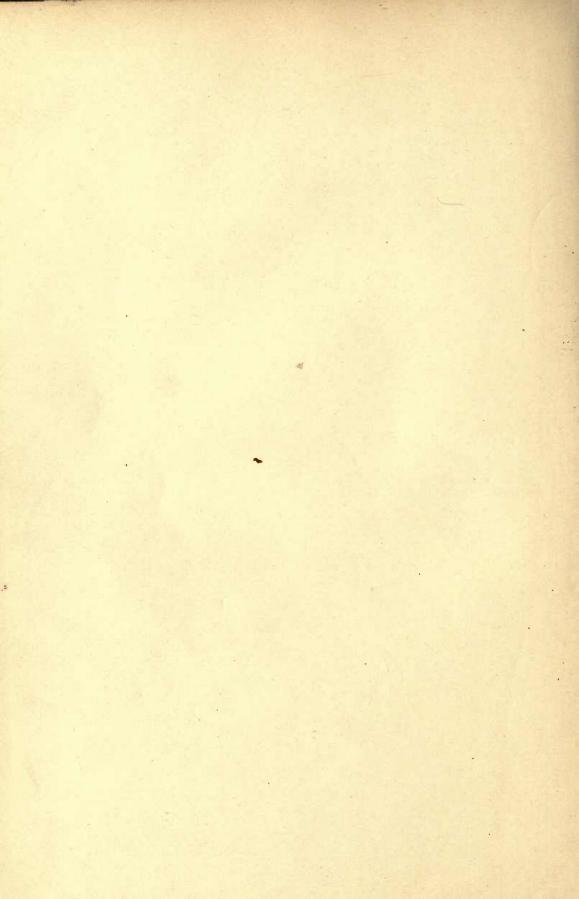
Foot-pounds	Meter-kilograms	Mean British thermal units	Gram-calories	Joules	Horsepower- hours	Kilowatt-hours
1	0.13826 ī.14068	0 0012860	0.32405 ī.51062	1.3558 0.13220	5.0505 × 10 <sup>-7</sup> 7.70333	3.7662 × 10 <sup>-7</sup> 7.57590
7.2330	1	9.302 × 10 <sup>-3</sup>	2.3440	9.80665	3.6530×10-6	2.7241 × 10-6
0.85932	1	3.96854	0.36994	0.99152	6.56265	6.43522
777.64 2.89078	107.51 2.03146	1	252.00 2.40139	1054.3 3.02298	3.9275×10 <sup>-4</sup> 4.59412	2.9288 × 10 <sup>-4</sup> 4.46668
3.0859 0.48938	0.42664 <u>1</u> .63006	0.0039683 3.59861	1	4.184 0.62159	1.5585×10 <sup>-6</sup> 6.19271	1.1621 × 10 <sup>-6</sup> 6.06528
0.73756 ī.86780	0.10197 ī.00848	9.485 × 10 <sup>-4</sup> 4.977 <sup>02</sup>	0.2390 ī.3784I	1	$3.7251 \times 10^{-7}$ $\bar{7}.57113$	2.7778 × 10 <sup>-7</sup> 7.44370
$1.98 \times 10^6$ $6.29667$	2.7375×10 <sup>5</sup> 5.43735	2546.2 3.40588	6.4164×10 <sup>5</sup> 5.80729	2.6845×10 <sup>6</sup> 6.42887	1	0.7457I I-87257
2.6552×10 <sup>6</sup> 6.42410	3.6710 × 10 <sup>5</sup> 5.56478	3414.5 3.53332	8.6044×10 <sup>5</sup> 5.93472	3.6×10 <sup>6</sup> 6.55630	1.3410 0.12743	1

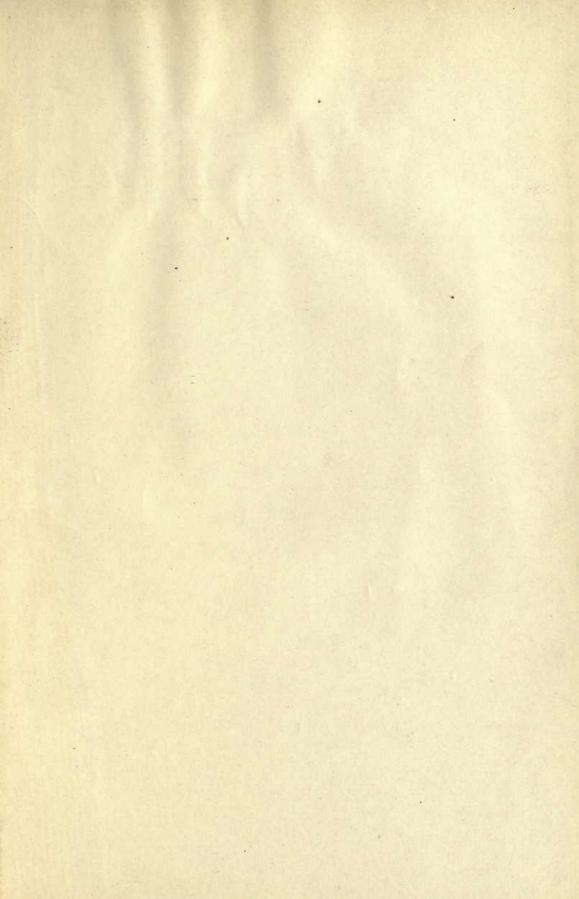
## POWER

Kilowatts	Horsepower	Cheval-vapeur	Poncelet	Met. kg. per sec.	Ft. lb. per sec.	Gr. cal. per sec.	B.t.u. per sec.
1	1.34I 0.12743	1.3600 0.13341	1.0197 0.00848	101.97	737.56 2.86780	239.01 2.37842	0.9485 I.97702
0.7457 ī.87257	1	1.0139 0.00598	0.7604 ī.88104	76.04 1.88104	550 2.74036	178.23	0.7073 ī.84958
0.7355 1.86659	0.9863 1.99402	1	0.75 ī.87506	<b>75</b> 1.87506	542.5 2.73438	175.79	o.6976 i.84360
0.980665 1.99152	0.11896	I.333 0.12493	1	2.00000	723.3 2.85932	234.39 2.36994	0.9301 ī.96854
$9.807 \times 10^{-3}$ $\bar{3}.99152$	0.01315 2.11896	0.01333 2.12493	0.01 2.00000	1	7.233 0.85932	2.344 0.36994	9.301 × 10 <sup>-3</sup> 3.96854
1.356 × 10 <sup>-3</sup> 3.13220	1.818×10 <sup>-3</sup> 3.25964	1.843 × 10 <sup>-3</sup> 3.26562	1.3825×10 <sup>-3</sup> 3.14068	0.13825 T.14068	1	0.32405 ī.51062	1.286×10 <sup>-3</sup> 3.10922
$4.184 \times 10^{-3}$ $\bar{3}.62158$	5.610×10 <sup>-3</sup> 3.74902	5.695×10 <sup>-3</sup> 3.75500	$4.2664 \times 10^{-3}$ $\bar{3}.63006$	0.42664 ī.63006	3.0859 0.48938	1	3.9683×10 <sup>-3</sup> 3.59861
1.0543 0.02298	1.4139 0.15042	1.4325 0.15640	0.03146	107.51 2.03146	777.64 2.89c78	252.00 2.40139	1

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